# DATA PROCESSING BRANCH USAFETAC Air Weather Service (MAC)

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This technical report has been reviewed and is approved for publication.

SUSAN V. BERRY, 2Lt, USAF Information Retrieval Manager

FOR THE COMMANDER

WALTER S. BURGMANN
Scientific & Technical Information Officer

AD A O 74681

DATA PROCESSING SHEET

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USAFETACIDS-79/062

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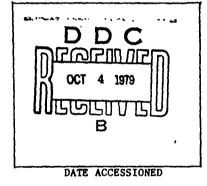
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SECOL TY CLASSIFICATION OF THIS PAGE (When Page Entered)

REPORT NUMBER 2	AGE	READ INSTRUCTIONS BEFORE COMPLETING FORM				
<b>]</b> **	GOVT ACCESSION NO	3 RECIPIENT'S CATALOG NUMBER				
USAFETAC/DS-79/062						
4 TITLE (and Subtifie)		5 TYPE OF REPORT & PERIOD COVERED				
Revised Uniform Summary of Surface We Observations (RUSSWO)-Hill AFB,	eather	Final rept.				
Ogden, Utah		6. PERFORMING ORG. REPORT NUMBER				
7 AUTHOR(*)		B CONTRACT OR GRAPT NUMBER(s)				
PERFORMING ORGANIZATION NAME AND ADDRESS		10 PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS				
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1 CONTROLLING OFFICE NAME AND ADDRESS		12 REPORT DATE				
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This supersedes AD-A040095.  This supersedes AD-A040095.  REY WORDS (Continue on reverse aids II necessary and its RUSSWO Daily temperature on the supersed aids and its superse	ilenilly by block number; ire Atm pth Exti ure Psyc	Ospheric pressure reme surface winds chrometric summary				
This supersedes AD-A040095.  This supersedes AD-A040095.  REY WORDS (Continue on reverse aide II necessary and it recessary a	ilenilly by block number; ire Atm pth Ext ure Psy ture Cef	Ospheric pressure reme surface winds chrometric summary ling versus visibility				
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TY CLASSIFICATION OF THIS PAGE(When Date Entered)

- Percentage frequency of distribution tables
  Dry-bulb temperature versus wet-bulb temperature
  Cumulative percentage frequency of distribution tables
  - \* Utah

\* Hill AFB UT

and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

# REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

#### HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

#### DAILY OBSERVATIONS

Laily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

#### DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U.S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PARTC SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV .

(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

#### STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summari ed in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 07.00-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

### MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from houriy observations.

JA/UARY	AFRIL	JULY	OCTOBER
FERRUARY	MA X	AUGUST	NOVEMBER
MARCH	JUNE	SEPTEMBER	DECEMBER
	1		

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2410	<u> </u>	HILL AFB UTAH/C					W 111 58			IF	<u> </u>	
		STATION	LOCATION	A NC	ND IN	ISTRU	MENT	ATION	HIST	ORY		
UMBER OF		GEOGRAPHICAL LOCATION & N.	AMF	TYPE	AT THIS LOCATION		LATITUDE	LONGITUDE	<u></u>	ABOVE MSL	OBS PER	
CATION		TEVERNI MORE COUNTY		STATION	FROM	TO			FIELD (FT)	HT BARG.	DAY	
1	Hill AF	B <b>Utah</b>		AFB	Sep 48	May 53	N 41 07	W 111 58	4796 ft	4800 1	24	
2	Same			Same	Jun 53	Mar 54	Same	Same	4784 ft	4798 1	E 24	
3	Same			Same	Apr 54	Apr 57	Same	Same	Same	4787 1	E 24	
4	Same			Same	May 57	Aug 78	Same	Same	4787 ft	Same	24	
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UMBER	DATE	•	SURFACE WIN	D EQUIPMENT	MFORMATION		<u> </u>	<u> </u>				
OF CATION	OF CHANGE		LOCATION		TYPE OF	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS. AD	DITIONAL EQUIP	MENT, OR RE	ASON FOR CHANG	E
	VIII2				TRANSMITTI			<del> </del>				<del></del>
1 2	Sep 48 Jun 53	Located on top				ML-144E	132 ft					•
3	Apr 55	Located on the				ML-144	L-	1				•
	•	tower atop han		• •			127 64	İ				
4	Apr 56	Located on top	or the oper	rations	Same	Same	127 ft					
5	May 57	Located on top			Same	ML-1440	L					
6	Apr. 58	Located 2000 f	GMO-13	RO-2 Same	13 ft 10 ft			•				
7	Apr 62	Iocated 2200 f station and 90 rnwy 14-32			Same	Saille	10 10					
- 1					1	1		],				

NUMBER	DATE	SURFACE WIND EQUIPMENT ENG	HMATION			',
LOCATION	()E CHANGE	FOCATION	1YPE OF Transmitter	TYPE OF RECORDER	HI ABOVE GROUND	HEMARRS, ADDITIONAL EQUIPMENT. OR REASON FOR CHANGE
ខ	Jun 63	1. Located E and 1200 ft S along rnwy 14-32	GMQ-11	RO-2	13 ft	
		2. Located E and 3200 ft N along rnwy 32-14	Same	Same	Same	
9	Apr 65	1. Located 1200 ft S along rnwy 14	Same	Same	Same	
		2. Located 3299 ft N along rnwy 32	Same	Same	Same	
lo	Apr 68	1. Located 500 ft E of the center- line of rnwy 14 and 1200 ft from the approach end of rnwy 14	GMQ~20	Same	Same	
		2. Located 500 ft E of the center- line of rnwy 32 and 3299 ft from approach end of rnwy 32	Same	Same	Same	
11	Apr 69	1. Same	GMQ-11	RO-362	Same	
- <b>-</b>		2. Same	Same	Same	Same	
12	Aug 78	1. Same	Same	Same	Same	
	-	2. Same	Same	Same	Same	
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U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

#### PART A

### WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOCY BRANCH USAFITAC AIR LEATHER SERVICE/MAC

# **WEATHER CONDITIONS**

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7-7 1,73-73

JAN MONTH

PERCE TAGE FREQUENCY OF UCURRENCE OF WEATHER CONDITIONS FROM HOURER DESERVATIONS

нтиом	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	hAiL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/CR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
ωA	06-02		3,8	• 1	1;•4		14.7	11.1	9.2	• '		18.4	930
	03-05		4.1	. 1	12.8		16.6	11.4	4.2	• 4		18.2	930
	06-02		3,9	. 2	13.5		17.4	12•6	۲.,٦	• 6		19.5	930
	09-11	• 1	4.6		14.6		18.7	14.5	12.8	. 3		24.7	)30
	12-14	• 1	5,8		13.4		14.2	11•	17.3	۰۲		27.4	330
	1>-17	, 2	4,2		10.9		14.5	11.3	17.4	• '		27.1	126
	18-20		3,4		5.5		11.6	12.5	17.3	• 7		25.6	230
	21-23		4.6		1 1.3	<del></del>	14.8	13.1	14.6	• 4		23.0	÷ ₹.;
TOTALS		• 1	4.3	• 1	12.0	!	15.8	12.3	13.4	. 4	<del></del>	23.2	7440

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GLOBAL CLIMATULGGY BRANCH USAFETAC AIR JEATHER SERVICE/MAC

### **WEATHER CONDITIONS**

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# PERCENTAGE FREQUENCY OF GCOURP ACT OF WEATHER INNOITIONS FROM POURLY UNSERVATIONS

монтн	HCJRS (LSJ.)	IHUNDER- STORMS	RAILI AND/OR I RIZZLE	FREEZING RA'N & /OR DRIZZLE	SNOW AND/OR SLEFT	HAIL	S OF Cas will MEGIL	KNG .	SHOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
í F	20-02	. 2	5 9		9,6		12.2	7.4	3.8	.4		10.4	846
	12.05		3,1	! 	8.6		11.5	6.4	3.0	.6	.1	9.2	846
	70-78	<u> </u>	3,1		10.2		12.6	7.6	1.9	.7		9.7	846
	09-11		3,1		10.8		13.4	<b>7.</b> 8	3.1	• R		11.0	846
	12-14		2.7	<u></u> j	10.3		12.9	8.5	5.8	• 1		13.9	846
	15-17		3,7	1	9.1		12.5	6.3	6.6	.4	, 1	12.4	846
	18-20	• 1	4.5	. 4	7.3		11.7	5.4	6.0	.1		11.2	846
-	21-23	.1	4.7	• 1	8.7		12.9	6.6	3.8	• 1		10.0	846
TOTALS		.1	3,6	.1	9.2		12.5	7.0	4.3	.4	•0	11.0	676

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# **WEATHER CONDITIONS**

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HILL AFB/UGUEN UTAH

7-70,73-78

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY UBSERVATIONS

нтиом	HOURS (L S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		5,1		6.7		11.1	3.3	.1	•4	.1	3.9	930
	03-05	-	4,6		9.0		13.1	4.1		•4		4.5	·)30
	06-08		4.1		9.6		13.3	5.4	•1	•1	,1	5.6	930
!	09-11		3.9		11.0		14.4	6.2	• 2	• 2		6.6	930
	12-14	• 1	3,3		9.8		13.0	5.7	• 3			5.9	930
	15-17	• 1	3,1		6.5		9.4	4.4	.4			4.8	930
	18-20	• 1	4.2		5.6		9.5	3.7	• 3	• 1	•9	4.8	930
	21-23	• 2	5,3		7.2		12.0	3.2	.6	.4	•4	4.1	930
									-				· · · · · · · · · · · · · · · · · · ·
TOTALS		•1	4,2		8.2		12.0	4.5	.3	•2	.2	5.0	7440

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### **WEATHER CONDITIONS**

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PERCENTAGE FREQUENCY OF UCCURRENCE OF WEATHER CONDITIONS FROM HOURLY DRSERVATIONS

нтиом	HOURS (L S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SHOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APK	00-02	•6	5.7		8.9		13.7	5.3	.1		.1	5.4	900
<del> </del>	03-05	.3	4,4		9.1	•1	12.4	<b>5.</b> 8		• 6		6.1	900
	06-08	• 2	5.4		8.7		12.9	6.0	ļ	• 3	. 2	6.4	900
<del></del>	09-11	• 2	6.9		9.2		15,2	5.2			 	5.2	900
	12-14	• 1	5,3		9.6		14.1	4.4				4.4	900
	15-17		5,4		7.7		12.6	4.6			.3	4.9	900
	18-20	.7	6.1		7.0		12.6	4.0			.3	4.3	900
	21-23	• 2	5.9		7.8		12.9	4.3	• 2		.3	4.7	900
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707415	<del> </del>		ļ										
TOTALS	<u> </u>	•3	5,6	<u> </u>	8.5	•0	13.3	5.0	•0	.1	• 2	5.2	7200

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# **WEATHER CONDITIONS**

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

нтиом	HOURS (L S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
ҮДМ	00-02	.3	7,0		. 5		7.4	9.				8.	930
	03-05	.4	8.0		1.4		8.9	• 9				9	930
	06-08		6,5		1.6		0.8	1.1	•1			1.2	930
	09-11	• 3	6,5		1.6	_	7.6	2.0	•2			2.2	930
	12-14	• 2	5,9		1.7		6.9	1.6				1.6	930
	15~17	1.4	6,6		1.2		7,4	• 6			.1	.8	929
	18-20	1.4	6.1		<b>,</b> 5		6,5	1.3			1.2	2.5	930
	21-23	1.3	7,4		• 5		8.0	<u>•</u> 8			• 5	1.0	930
						_							
						•							
											_		
TOTALS		.7	6.8		1.1		7,6	1.1	•0		• 2	1.4	7439

USAFETAC PORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OB

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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### **WEATHER CONDITIONS**

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24101 HILL AFB/UGUEN UTAH STATION NAME

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PERCENTAGE 'READENCY OF OCCURRENCE OF WEATHER COM LITONS FROM HOURLY DRSERVATIONS

нтиом	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND 'OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	•6	4.0				4.0						900
	03-05	. 4	4.9				4.9	• 3				•3	900
	06-08	1.1	4,9				4.9	• 3				.3	900
	09-11	. 4	7.4		• 1		7.4	.0				•9	900
	12-14	•6	4.1		• 1		4.1	• 3			.1	. 4	900
	15-17	1.4	5,1				5.1	• 1				.1	900
	18-20	2.9	6.0		. 1		6.0						900
	21-23	1.2	5,3				5.3	• 1				.1	900
TOTALS		1.0	5.2		•0		5,2	• 3			.0	. 3	7200

USAFETAC JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# **WEATHER CONDITIONS**

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HILL AFB/DODEN UTAH

67-70,73-78

JUL

PERCENTAGE FREQUENCY OF O CURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
ากเ	00-02	1.0	1.9				1.9						930
	03-05	• 9	.9				, 9						930
	06~08	• 2	1.1				1.1		.3			.3	930
	09-11	٤.	1.7				1.7	• 1	.3			. 4	930
	12-14	.3	1.8				1.8	•1	•2			•3	930
	15-17	1.8	2.0				2.0		.1			.1	930
ļi	18-20	2.8	3,2			•1	3.2				.2	• 2	930
	21-23	2.3	3,2				3.2						930
TOTALS		1.2	2,0			•0	2.0	•0	.1		.0	.2	7440

USAFETAC FORM 0-10-5(QL A), MEVIOUS EDITIONS OF THIS FORM ARE DISOLETE

GLOBAL CLIMATOLUGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

24101	HILL	AFB/UGDEN	HATH
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47-70,73-78

AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

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монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	1.0	2,6				2.6						930
	03-05	1.1	3,1				3.1	• 1				• 1	930
	06-08	1.1	3.2		• 1		3.2	•1				• 1	930
	09~11	. 3	2.2				2.2	•1				• 1	930
	12-14	•9	2.0				2.0	• 4				.4	930
	15-17	1.0	2.2				2,2	•3				.3	929
	18-20	1.6	3.6				3,6	• 3	.1		.1	. 4	927
	21-23	1.7	3.7				3.7						927
TOTALS		1.1	2.8		•0		2.8	•2	•0		.0	. 2	7433

USAFETAC JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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# **WEATHER CONDITIONS**

24101 STATION	HILL AFB/OGDEN UTAH	66-76,73-77 YEARS	SEP
STATION	STATION NAME	TEARS	MONIH

# PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY DRSERVATIONS

НТИОМ	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	1.2	4.1				4,1				.1	.1	900
	03~05	1.3	4.2				4.2						900
	06-08	•6	4,6				4.6	•6			.1	.7	900
	09-11	• 3	3.8			•1	3.8	• 5				•6	900
	12-14	.1	2.7				2.7	•1				.1	900
	15-17	1.1	3,1		•1		3,1	•3	•2			•6	900
	18-20	1.0	3,8				3.8	•6				•6	900
	21-23	1.3	3,6		•1		3.6	•1				•1	900
			<del></del>										
			<u> </u>			,					_		
											,		
TOTALS		•9	3.7		•0	•0	3.7	•3	•0		.0	.4	7200

USAFETAC JULY 44 0-10-5(OL A), PREVIOUS L'INDIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR JEATHER SERVICE/MAC

# **WEATHER CONDITIONS**

24101	HILL AFB/UGDEN HTAH	06-70,73-77	ULT
STATION	STATION NAME	YEARS	MONTH

# PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
UCT	00-02	. 3	5.1		. 3		5.3	1.5	.1			1.6	930
	03-05	.4	5,8		1.5		6.5	1.3				1.3	930
	06-08	• 2	5.4		1.9		6.6	1.2				1.2	930
	09-11	1	7.0		1.8		8.3	1.1	.2		.1	1.4	930
	12-14	. 3	6,4		1.8		7.5	1.0	.4		.1	1.5	929
	15-17	. 1	6.7		1.6		7.7	1.4	.4			1.8	930
	18-20	.6	5,8		. 4		6.2	5	.2			• B	930
	21-23	.4	5,8		•6		6.5	1.2	•1			1.3	930
								· · · · · · · · · · · · · · · · · · ·					
								<del></del>					**
TOTALS		.3	6.0		1.2		6.8	1.2	• 2		•0	1.4	7439

USAFETAC  $\frac{\text{PORM}}{\text{JULY 64}} = 0.10.5 \text{(OL. A)}$ , previous editions of this form are obsolete

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

# **WEATHER CONDITIONS**

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HILL AFB/UGDEN UTAH

06-70,73-77

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

HTMOM	HOURS (L S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
110V	00-02		4.0		4.0		7.9	4.2	1.6			5.4	900
	03-05		5,3		5.7		10.8	4.0	1.1			4.9	900
	06-08	• 3	5.4		6.8		11.3	4.4	•6	. 1		5.1	900
	09-11		4.8		5.9		10.3	5.1	2.4			7.0	900
	12-14		3,9		6.0		9,3	6.3	3.9	• 1		9.9	900
	15-17		3.4		4.4	<del></del>	7.8	4.9	3.1	• 2	.2	3.1	900
	18-20		4,2		4.3		8.2	4.7	2.7	. 2		7.4	900
	21-23	• 3	3,8		4.2		7.9	4.6	1.9			6.3	900
													<del></del>
TOTALS		.1	4,4		5.2		9.2	<b>4 •</b> 8	2.2	• 1	•0	6.8	7200

USAFETAC  $\frac{\text{PORM}}{\text{JUT 64}}$  0-10-5(QL, A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# **WEATHER CONDITIONS**

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HILL AFB/UGDEN UTAH

66-70,73-77

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L S T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	\$NOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO, OF OBS
DEC	00-02	•1	3,2		12.2		15,1	15.9	5.7			18.4	930
<u> </u>	03-05		2,8	. 1	14.9		17.8	16.6	4.1	• 2		18.6	930
	06-08		2,6		14.9		17.4	17.4	4.4	.4		20.0	930
	09-11	• 1	2.9		16.5		18.9	18.0	7.2	• 2		22.2	930
	12-14		3.4		14.6		17.0	18.5	11.4	• 1		26.7	930
	15-17		3.1		14.9		17.4	15.2	14.0	• 1		26.3	929
	18-20		3,5	. 2	9.5		12.6	14.5	12.7	• 1		23.8	927
	21-23		3.7	• 1	9.9		13.6	16.1	10.0			22.2	927
													·
TOTALS		•0	3,2	.1	13.4		16.2	16.5	8.7	.1		22.3	7433

USAFETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATULOGY BRANCH USAFFTAC AIB WEATHER SERVICE/MAC

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# **WEATHER CONDITIONS**

24101	HILL	AFB/DGDEN	UTAH
STATION		STATIC	ON NAME

66-70,73-78

ALL

PERCENTAGE FREQUENCY OF DOCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZI E	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/GR S ND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAG	ALL	•1	4.3	• 1	12.0		15.8	12.3	13.4	• 4		23.2	7440
FEB		•1	3,6	• 1	9.2		12.5	7.0	4.3	.4	•0	11.0	6768
MAK		• 1	4.2		8.2	\	12.0	4.5	.3	.2	. 2	5.0	7440
APK		• 3	5.6		8.5	•0	13,3	5.0	.0	.1	• 2	5.2	7200
MAY		.7	6.8		1.1	\	7.6	1.1	•0		.2	1.4	7429
JUD		1.0	5,2		• 0		5.2	• 3			•0	.3	7200
JUL		1.2	2.0			• ()	2.0	•0	.1		.0	•2	7440
AUG		1.1	2.8		•0		2.8	•2	.0		.0	• 2	7433
SEP		•9	3,7		•0	•0	3.7	• 3	.0		•0	. 4	7200
UCT		.3	6.0		1.2		6.8	1.2	.2		• 0	1.4	7439
NOA		.1	4,4		5.2		9,2	4.8	2.2	•1	.0	6.8	7200
DEC		.0	3.2	• 1	13.4		16.2	16.5	8.7	• 1		22.3	7433
TOTALS		• 5	4.3	•0	4.9	•0	8.9	4.4	2.4	• 1	.1	6.5	87632

USAFETAC PORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### PART A

### ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
  - (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
  - (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

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GLOBAL CLIMATDLUCY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

# XX WEATHER CONDITIONS

ATMUSPHERIC PHENOMENA

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24101 HILL AFB/DOUFN UTAH
STATION NAME

ALL

# PERCENTAGE OF DAYS WITH VARIBUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

нтиом	HOURS (E.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAL	DAILA	.5	17.3	1.0	46.5	• 4	53.1	40.4	28.0	4.9		57.7	930
FCB		2.0	17.9	. 5	39.6	_ •7	47.3	28.5	14.5	3.1	. 1	36.7	847
MAR		2.3	25.7	. 1	36.6	1.4	47.7	22.3	1.8	3.4	<sub>•</sub> 5	24.7	930
APR		6.8	34.1		25.0	3.3	44.9	19.8	1.1	.4	.4	20.9	900
МАЧ		13.5	39,9		6.6	2.5	41.1	6.8	.8	. 1	. 2	7.6	930
JUN		14.7	31.7		• 4	1.4	31.7	3.2	•2		•1	3.6	900
JUL		14.2	23.8			•4	23.8	• ft	.4		.1	1.3	928
AUG		17.0	28.0		• 1	•8	28.0	1.1	.4		.4	1.8	930
SEP		12.1	26.7		1.0	1.1	26.2	2.9	.4		,2	3.6	900
DCT		5.1	24.4	. 1	8.6	• 5	26.8	8.7	1.1	• 2	.1	9.8	929
ИIJV		1.8	22.9		24.1	• 7	37.6	22.3	12.2	1.7	, 1	30.8	900
DEC		.8	18.3	1.0	42.8	• 4	50.5	47.8	29.8	2.8		57.6	929
TOTALS		7.6	25.9	.2	19,2	1 • 1	38,2	16.7	7.6	1.4	•2	21.3	10953

USAFETAC PORM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS PO

### PART B

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### PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

Nove March

- \*1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEFTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and sunual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- \*2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (\*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION ".00" equals none for the month (hundredths)

EXTREME DAILY SNOWFALL ".0" equals none for the month (tenths)

EXTREME DAILY SNOW DEPTH "O" equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each yearmonth and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (\*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

\* Values for means and standard deviations do not include measurements from incomplete months.

- NOTES:
- (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (\*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

#### Air Force Stations:

### U. S. Navy and National Weather Service (USWB)

Beginning thru 1945 Jan 46-May 47 57 Jun 57-present	at 0800IST at 1230GMT	Beginning thru Jun 52 Jul 52-May 57 Jun 57	at 12300MT
Jun 57-present	at 1200CMT	Jun 57-present	at 12000MT

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# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

24101 HILL AFE/DEDEN UTAH F-7.

						AM	OUNTS (II	NCHES)						PERCENT		MON	HLY AMO	DUNTS
PRECIP.	NONE	TRACE	.01	0205	.0610	.1125	.2650	.51 1 00	1 01-2 50	2 51-5 00	5.01-10 00	10 01-20 00	OVER 20 00	OF DAYS	TOTAL NO.		(INCHES)	
SNOWFALL	NONE	TRACE	01-54	0 5-1.4	1.5-2 4	2534	3,5.4.4	4.5-6 4	6.5-10 4	10 5.15 4	15.5.25.4	25 5-50 4	OVER 50 4	MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2	3	4.6	7-12	13-24	25 36	37.48	49.40	61-120	OVER 120	AMTS				
JAN	45.0	18.5	3.5	7.2	7.2	8.2	0.3	2.6	•9					313.5	930	2.27	5.64	.05
FEB	51.9	18.4	2 • 2	5.6	5.3	7.2	5.4	2.6	• 2					27.6	847	1.64	4.13	.37
MAR	51.4	19.0	2.7	5.9	٥.3	7.2	5.7	2.4	9 60					29.6	370	1.87	4.26	IRACE
APR	34.2	14.2	2.2	4 • Ó	<b>3.9</b>	7.2	6.8	3.9	1.0					29,6	900	2.43	5.75	.57
MAY	38.3	16.9	2.4	5.6	3.7	4.9	4.5	2.5	1.0					24.6	930	1.83	6.44	TRACE
NUL	67.3	15.2	1.4	4.1	2.6	3.3	à.2	2.2	• 0					17.4	900	1.28	4.04	,04
JUL	75.3	13.8	1.8	3.4	1.9	1,4	1.3	1.0	• 1					11.0	940	.54	2.16	.01
AUG	70.6	15.6	2.3	3.5	2.4	3,3	. 6	1.0	.5		<u> </u>			13.8	930	.79	3.89	TRACE
SEP	72.7	11.8	5.7	4.0	1.9	3.2	2.0	1.6	, 7					15.6	900	1.15	3,98	,01
ост	71.8	10.0	1.7	3.9	1.7	9 و د	4.3	1.8	.9					13.2	930	1.48	4.24	.00
моч	60.2	13.9	2.9	5.4	4.0	7.1	1.0	1.9	• 0					25.9	897	1.50	3.13	.05
DEC	48.3	16.2	3.0	8.0	6.2	10.3	4.7	3.0	٤٤					35.5	930	2.09	5.64	.11
ANNUAL	50.6	15.5	2.3	5.2	3.8	5.6	4.1	2.2	.0					23.9	10954	18.87	$\times$	$\supset \!$

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PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TEMPL CERMATELETY FRANCE-UNAFFTAC AIR EATHER SERVICE/MAC

### EXTREME VALUES

PRECIPITATIUM

(FROM DAILY OBSERVATIONS)

HILL AFB/; CUPIN UTAH

48-78

YEARS

24 HOUR ANDLINTS IN INCHES

MONTH YEAR	JAN,	FEB.	MAR.	APR	MAY	אטן.	JUL.	AUG	SEP.	ост.	NOV.	DEC	ALL MONTHS
48					ĺ	Ī		_	1.25	.21	.55	• 55	
49	.88	. 34	1.82	1.10	.70	.90	.07	•91	• 26	1.00	1.15	1.05	1.8
50	.59	.37	•39	.52	. 86	.37	. 43	•01	.42	.36	.40	1.00	1.0
الد	.61	70	.67	.91	.60	.04	•60	1.61	.25	1.69	. 82	.60	1.61
ر 2	1.17	.75	.60	.71	.33	1.10	• 05	.14	•01	.00	.73	1.16	1.1
53	1.62	.24	. 56	1.27	47	47	41	.78	•04	1.35	,13	.54	1.6
54	.81	.55	.50	. 26	.36	• 40	•04	1.05	.21	•13	1.40	•62	1 • 4
55	. 84	65	-14	.86	.29	.53	- 29	16	.42	42	,82	88	. 8:
56	.71	•60	•09	.28	.46	.15	•50	TRACE	.23	•6 <sup>8</sup>	.13	.48	.7
7ر	. 47	.79	.65	1.31	1.43	.81	.25	.35	. 75	,37	.57	.30	1.4
8د	.43	•52	.58	. 33	.37	.17	•13	.14	•46	.07	.77	.23	• 7
59	. 47	.39	.47	.70	.55	,65	•07	. 44	70	-12	.07	. 81	. 8
60	.38	.56	1.04	.34	.31	.13	•13	• 45	.38	.68	.75	.25	1.0
5]	.05	.27	. 38	.30	.19	.15	.94	.18	1.91	41	1.52	.63	1.9
62	1.19	.65	.55	.85	.94	.36	.54	•09	•68	.67	.23	.16	1 • 1
03	.59	.28	.51	1.11	,75	.81	.01	•60	1.36	.79	* .55	. 35	1.3
04	.47	.10	.37	•64	1.66	1.21	•01	.25	.01	1.01	.71	.83	1.6
65	.42	.30	TRACE	•93	,44	.56	.54	1.21	.87	. 34	.79	.90	1.1
66	.61	.77	. 28	.31	1.16	.05	.02	•08	.51	.22	•66	.35	1.1
67	.63	.26	.64	.55	.60	.70	• 31	.14	.38	.47	.55	.72	.7
58	.37	.98	.93	1.11	.47	.91	•15	1.16	•40	1.34	.31	, 31	1.3
69	1.18	.88	.20	.51	TRACE	1.36	.20	.30		.31	. 29	.35	1.3
70	.40	.36	.44	1.25	.36	1,18	.14	.10	1.38	.46	8ن.	.88	1.3
71	.56	.78		.49	.50	.39	• 03	1.47	.98	.84	.61	.86	1 • 4
72	.44	.13	.41	•76	.04	.06	• 05	.22	.90		.65	.44	1.0
73	1.38	.76		.89	1.14	1.28	•84	•18	1.22	.27	1.08	.83	1.3
74	.37	1.03	.60	1.73	1.04	.18	.25	.25	.04	1.07	.60	.65	1.7
75	.42	.38	1.45	•92	.86	.79	• 54	•10	•12	1.11	.26	.23	1.4
76	.13	1.70	.97	.89	.40	.89	1.11	.16	.17	1.28	.05	.05	1.7
77	.71	. 35	.27	1.01	1.21	.05	•98	,69	.43	.32	.19	,50	1.2
MEAN													
S. D.													
TOTAL OBS								NTHS)					

NUTE \* (BASED UN LESS THAN FULL MONTHS

USAF ETAC FORM 0-88-5 (OLI)

GLOBAL CLIMATBLBBY BRADCH USAFETAC AIR "EATHER SERVICE/MAC

# **EXTREME VALUES**

PRECIPITATION

(FROM DAILY OBSERVATIONS)

24101 HILL AFB/JEDEN UTAM STATION NAME

48-78

VEARC

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
/8	.93	.78	.86	.70	.33	• 06	8 Ç •	. 8R					
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													···········
		<del></del> †				<del></del>							
					**********								
MEAN	.461	574	.610	.785	-626	,556	.326	.470	.374	.633	.403	.584	1.2
S D TOTAL OBS	*300	.330 847	409 930	• 35× 900	-404 730	904	•316 930	930	900	930	897	930	109

TUTE \* (BASED OF LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLI)

AIR TAINER SERVICEY 'AC

MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

C

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STATION HILL AFBIGGEN STATION NAME

The state of the s

TUTAL MORTHLY PROSTPATTON IN INCHES

MONTH	JAN.	FEB	MAR.	APR.	MAY	JUN,	JUL	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
48									1.39	.64	2.37	3.72	
49	4.11	1.33	3.21	2.27	2.98	1,37	<u>7</u>	•91	.26	4.24	1.30	5.04	27.
90	3.34	1.11	1.73	.98	3.08	,32	.87	.01	1.26	.91	2.17	2.25	18.
إز	3.11	1,49	2.20	3,83	1,49	.04	1.07	2.14	.27	2.85	2.22	3.04	23.
52	5.64	2.57	3.61	1.40	.92	1.42	. (15)	.19	•03	•00	1.05	1.94	18.
53	3.72	•62	3.27	3.55	1.27	.67	1.04	1.09	.04	1.81	الاد.	1.29	18.
54	1.54	•68	1.58	.77	.49	1.02	• 04	1.06	•40	.31	3.13	1.12	12.
55	3,32	1.65	.21	1.65	.97	1.84	•40	.54	1.05	1.02	2.18	2.95	17.
56	3,47	1.80	.11	.57	2.58	.21	.66	TRACE	.52	1.85	.29	1.11	13.
7 ر	2.27	1.52	2.35	3.29	2.44	1.93	• 39	•71	.75	1.33	1.30	2.32	24.
58	1.26	2.34	2.98	1.49	.68	.19	-18	.27	.48	•07	1.40	.57	11.
29	1.36	1.24	1.17	1.35	1,18	1.28	-15	<u>•90</u>	3.36	.19	-07	1.21	130
60	1.18	2.01	2.46	. 94	.48	.34	. 21	.56	1.01	1.31	1.88	.79	13
01	.05	.96	1.54	.95	.56	.39	1.09	.81	3.11	1.31	2.44	2.01	15
02	2.24	2.84	2.48	2.33	3.00	•63	• 54	• 15	.73	•69	.58	.19	16
63	1.16	.59	1.67	5.75	1.29	2.57	•01	.87	2.67	1.93	* 1.98	1.09	*21
64	2.15	.39	1.64	3.63	4.29	4.04	• 03	.43	•01	1.35	1.74	3.31	23
05	1.85	.80	THACE	3.02		1.58	.89	1.54	1.56	.35	2.37	1.20	17
66 57	1.01	2.39	1.67	.93		•10	•02	.18	. 65	.25	1.43	2.34	10 19
<u>57</u>	2.22	2.69	2.88	2.41	1.62	3.30	- 37	3.89	1.26	2.25	1.25	1.97	23
09	2.82	4.13	.26	1.53		3.03	• 17	.32	•58 •43	1.08	34	1.52	15
70	2.67	.56	1.10	4.36	1.37	2.91	.36	.26	3.15	1.74	2.77	3.79	25
71	1.72	2.24	.92	2.97	1.60	54	• 36 • 09	1.83		3.44	2.24	4.55	
72	1.56	.37	.72	2.19		.18	•06	•41	2.08	2.34	1.80	3.12	
73	3.28	2.62	4.26	2.03	1.45	1.39	2.07	.50		.55	2.59	3.44	28
74	3.04	1.03	1.32	3.43	1.20	.20	47	38		3.70	1.45	2.43	
75	1.64	1.19	3.99	3.60	3.35	2.09		.22	.15	3.21	1.25	.74	55
76	.43	3.41	1.21	2.92		1.52	2.16	•30		1.91	•05	.11	15
77	1.11	71	1.48	1.21	5.41	.09	1.19		1.30	.68	85	1.04	16
MEAN					ثكت								
S. D.													
TOTAL OBS.									<del> </del>				

USAF ETAC FORM 0-88-5 (OU)

GLUBAL CLIMATULUMY BRANCH USAFSTAC AIR MEATHER SERVICE/MAC

# EXTREMEXXALUES

MUNITHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

24101 HILL AFB/HCDEN UTAH
STATION NAME

6-78

VEADE

### TOTAL MUNTHLY PRELIPITATION IN INCHES

MONTH YEAR	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG	SEP.	ост.	NOV.	DEC.	ALL MONTHS
78	3.31	2.56	3.66	3.34	.89	.04	•13	1.79					
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												<u> </u>	
			į	ļ		ļ		ļ					
MEAN	2.266	1.644	1.873	2.429	1.729	1.277	.538	.786	1.153	1.484	1.503	2.094 1.254 930	13.62
\$ D	1.718	.970	1.701	1.292	1.508	1.146	,565	814	1.105	1.127	.861	1.254	13.62 4.86 1095
TOTAL OBS	330	R47	930	900	930	900	930	930	aon	930	897	930	1095

MOTE \* (BASED UM LESS THAN FOLL MONTHS)

USAF ETAC FORM 0-88-5 (OLI)

GLOBAL CLIMATOLUMY BRANCH USAFETAC AIR BEATHER SERVICE/MAC

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# **DAILY AMOUNTS**

PERCENTAGE FREQUENCY OF SNI)WFALL (FROM DAILY OBSERVATIONS)

24101 HILL AFB/1/GUFN UTAH ,8-7%
STATION STATION NAME YEARS

						AM	OUNTS (II	NCHES)						PERCENT		MONI	THLY AMO	DUNTS
PRECIP.	NONE	TRACE	.01	.0205	06-10	.1125	.26- 50	.51.1 00	1.01-2 50	2.51-5 00	5 01-10.00	10 01 20 00	OVER 20 00	OF DAYS	NO		(INCHES)	
SNOWFALL	NONE	TRACE	0.1-0 4	0.5-1.4	1.5-2.4	2 5-3.4	3.5.4 4	4 5-6.4	6 5-10 4	10 5-15 4	15.5-25.4	25.5-50 4	OVER 50.4	MEASUR- ABLE	OF OBS.	MEAN	GREATEST	LEAST
SNOW- DEPTH	HONE	TRACE	1	2	3	4.6	7 12	13 24	25-36	37-48	49.60	61-120	OVER 120	AMTS				
JAN	1 <b>،</b> ك زا	17.6	7.2	9.8	4 - 1	2.6	2.0	2.0	1.6	.4				27.2	950	17.9	44.9	TRACE
FEB	61.0	16.8	5.8	7.3	2.7	1.8	1.9	1.8	• )					22.2	847	12.0	32.4	• 5
MAR	63.4	16.6	5 . 2	5.7	3.3	2.2	1.1	1.0	ن ه	. 1				20.0	930	12.3	38.2	THACE
APR	74.9	12.0	2.9	4.7	2.0	•9	. 6	• 9	1.0	. 2				13.1	900	8.9	37.1	TKACE
MAY	93.7	4.3	ء.	•6	.1	• 2	. 1	• 1	• 4	. 1				2.0	930	2.3	19.5	• 0
MUL	99.4	•6												-	900	FRACE	TRACE	• 0
JUL	100.0												,		930	.0	.0	•0
AUG	99.9	• 1													930	TRACE	TRACE	• 0
SEP	99.1	• 9					. 1							.1	899	.1	3.9	• 0
ОСТ	91.4	5.6	• 3	3.6		• 2	٤.	. 4	"i					3.0	930	2,1	16.4	• 0
NOV	75.4	11.6	3.2	3.7	2.8	1.3	<b>.</b> 8	•9	. 2	. 1				13.0	897	7.4	23.4	TRACE
DEC	56.2	15.6	5.6	10.0	5.2	3.1	1.3	1.6	1.4					28.2	930	16.6	47.9	TRACE
ANNUAL	80.6	8.5	2.5	3.6	1.7	1.0	,7	•8	.5	.1				10.9	10953	79.6	X	X

1210 WS JUL 64 0-15-5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

DED: LEGET WELLEY BRANC : LAL TAL ALK FAILER SERVICES 'AC

### **EXTREME VALUES**

SNOWFALL

(FROM DAILY OBSERVATIONS)

STATION HILL AFB/LIGHTS, UTAGE STATION NAME

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24 HOUR AND MTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	אטן.	JUL	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
40									• 0	• 5	5.5	5.5	
49	9.8	3.4	10.4	TRACE	.0	. 0	. 0	• 0	.0	9.7		9.9	10.4
50	6.5	2.6	4.0	5.0	9.6	. 17	.0	• 0	TRACE	TRACE		3.3	9.0
51	6.1	7.0	6.3		. 3			• 0		, A	1	4.7	7.7
52	11.4	7.9	6.0		.0	• 7	.0	• 0	• 0	•0		7.0	11.4
53	14.0	2.0	5.0	6.0	TRACE		o	- 0	.0	4.0	. 4	7.0	14.0
54	4.7	5.3	5.0	. 7	TRACE	T. ACT	.0	. 17	.0	TRACE	2.0	4.3	5.3
55	P.4	6.2	.7	7.3	TRACE	• 0	, q	• 0	. 0	TRACE		9.4	9,4
56	4.7	5.0	9	1.d	TRACE	•0	.0	• 0	•0	5.3	2.1	4.0	5.3
7'	4.7	. 5	1,2	1,1	• 0	• 0	. 0	• 0	.0	• ()		3.0	4.1
58	4.3	5.2	5,6	2.3	•0	• 0	• 0	• C	• 0	TRACE	4.0	.7	5.0
۶۷	3.6	4.3	5	6.3	TRACE	• 6	,0	• n	TRACE	.1	• 4	2.5	6.5
00	3.4	5.5	5,4	. 6	1.0	• 73	• 0	• 0	•0	TRACE	1.0	2.4	5,5
61	TRACE	1.8	2.5	2.5	TRACE	• 0	.0	• 0	•0	5.6		2.1	15.2
62	11.9	6.5	5.5	3.3	TRACE	THACE	. 0	• 0	• 0	2.5	1.0	TRACE	11.9
63	1.1	. 3	5.4	8.2	• 0	• 0	.0	• 0	• 0	• C		4.9	8.2
64	K . 5	1.2	3.7	5.8	13.1	• 0	.0	• 0	• 0	• 0	3.6	2.5	13.1
<b>გ</b> 5	4.3	2.09	TRACE		3.1	• 0	.0	<u>•</u> 0	*TRACE	•0		3.1	9.2
66	6.4	4.8	2.8		• 0	• 0	.0	• 0	•0	1.3	5.4	2.1	0.4
67	7.9	3.5	5.8	5.0	1.	• 0	.0	• 0				8.5	8.7
80	3.7	2.2	9,3		TRACE	• 0	.0	• 0	TRACE	TRACE		4.5	9.3
69	5.9	8.8	2.1	4.2	• Q	• 0	.0	•0	•0	1.1	1.9	3.5	8•ძ
70	1.1	1.1	2.0	11.6	TRACE	• 0	.0	• 0	• 0			B.1	11.6
71	5.6	5.5	2.9	3.0	TRACE	• 0	.0	• 0	3.9	5.6	6.8		8.4
7?	4.2	1.4	1.2	9.6	• 0	• 0	.0	• 0	•0	4.0		4.4	9.6
73	12.5	7.8	12.9	3.9	TRACE	• 3	0	• 0	TRACE	TRACE	3.7	7.3	12.9
74	4.2	6.0	5.6		TRACE	YAACE	.0	• 0	• 0	TRACE		6.2	14.0
75	4.6	3.2	8,0		8.4	TOACE	. 0	• 0	• 0	3.0	5.3	6.8	8.4
76	2.0	7.4	6.1	2.8	.0		.0	• 0	•0	• 0		.8	7,4
77	4.7	5,5	3,7	1.4	9.0		.0	• ?	TRACE	TRACE	2.5	2.0	4.0
MEAN													
S. D.													
TOTAL OBS.		MOTE	* (BA					NTHE)					

TE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLI)

SECOND CLIMATOLOGY BRANCH USAFFIAC AIR BEATHER SERVICE/MAC

### **EXTREME VALUES**

SNOWFALL

(FROM DAILY OBSERVATIONS)

GALLI HILL ACRIGORN UTAL

YEARS

24 LAUR ARRINTS IN INCHES

MONTH	JAN	FEB.	MAR.	APR.	MAY	אטנ	JUL	AUG.	SEP	ост.	NOV.	DEC.	All MONTHS
78	e.• t.	5.9	1 • 0	2.0	TRACE	• ?	• 0	TRACE					
			<u>i</u>										
					· · · · ·		******	~					
MEAN	2 2 2 2 1	4.35	4,38 3,086	4.32	1,49	1, 465	00	IKALE	913	2 632	3.59	4.63 2.704 930	2.9°
S D. TOTAL OBS	930	847	730	900	3.722	000	-000	•000	1/4	2.433	2000	1.104	109

MUTE \* (BASED OF LESS THAT FULL (ORTHS)

USAF ETAC FORM 0-88-5 (OU)

"LUGIL CLIPATHENCY BRAIC USAF TAC BIR LAFHER SEPVICEY BC

EXTREME VALUES

MANTHLY SHOWEALL

HILL AFE /LIFE UTAH

40-10

(FFOM DAILY OBSERVATIONS)

TOTAL HUNTHLY , NO HALL THE INCHES

MONTH YEAR	JAN.	FEB	MAR	APR	MAY	JUN.	JUL	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
48									•0			35.8	
49	41.0	13.3	19.1		<u>•0</u>		•0			13.2	5.4	47.9	139.
20	32.8	4.3	11.0		19.5	• ?		• 0	TRACE	TRACE	5.6	7.8	85.5
1د ا	30.0	12.9	19.2		3	• (	.0	<u>•0</u>	0	• 3	13.3	26.7	
2ر	44.8	27.3	36.2		• 0	• 0	.0		•0	• Ð	9.7	14.0	132.0
<u>53</u>	17.1	4.0	13.0		TRACE	• 1)	0.		.0	4.0		16.6	70.1
24	11.4	5.3	12.0		TRACE		.0		•0		2.0	6.5	38.0
55	31.4	13.9	7		TRACE	• 0	.0	•0				21.2	98•4
>6	10.6	15.2	1.1	1.0	TRACE	• ()	.0	• 0	.0		3.4	6.6	44.5
7ر	1R.6	- 5	2.2	2.5	0		0					15.9	44.7
58	12.0	13.3	15.4	5.7	• C	• 0			0		5.1	1.4	53.9
59	14.8	8.9	1.0	7.5	TRACE	<u>• 0</u>	.0	• ()			. 4	6.0	38.7
00	11.4	16.6	7.9		1.0		•0	•0	.0			7.2	47.3
<u> </u>	TRACE	4.9	6,3		TRACE		0	• ^	0	6.9		9,3	52.5
62	22.2	16.0	22.9		TRACE		.0				1.9	TRACE	70.4
63	6.3		15.6		<u>•0</u>	•0	.0			• 6		12.3	* 60.2
64	20.6	4.1	16.0	13.8	18.6			•0		•0		8.0	90.5
65	14.4	8.5	TRACE		7.4		.0		*TRACE			10.0	× 56.6
66	11.6	19.2	5.1	3.5	• 0	• 9	.0			1.3		9.3	57.4
07	30.9	6.5	10.9		. 2	•C	•0					20.9	
68	0.0	4.7	21.2		TRACE	•0	.0	• 0	TRACE	TRACE	8.3	26.3	73.8
<u>υ9</u>	13.3	32.4	2.6		- 0	• 0	.0	•0	0	^•_3	1,9	15.2	72.5
70	2.8	1.5	3.8		TRACE	• 0	• 0	• 0		3	~ * * * *	30.8	78.9
71	11.3	12.7	5.6		TRACE		.0	•0			?,5	36.5	9900
72	20.7	3.7	1.4		.0	• 0	•0	• 0		4.0		31.7	67.0
73	33.0	25.9	38.2		TRACE	<u> </u>	.0			TRACE		33.5	154.
74	23.7	19.6	8.4				•0	•0				18.7	93.1
75	18.6	7.6	29.6				•0					12.4	135.1
76 77	2.8	29.9	14.5		0				.0		,	1.4	
	17.5	10.0	20.4	2.7	9.0	• ^	<u>.</u> 0	•0	TRACE	TRACE	4.0	7,4	64.0
MEAN										<b></b>			
S. D.		.—		<del> </del>					ļ				
TOTAL OBS		MUTE		SED CINI			<u> </u>	NTUCI					

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLI)

EXTREMEXXALUES

PUNTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

241(:1 HILL AFB/LGUFN UTAH
STATION NAME

THTAL BUNTHLY SHUMFALL IN INCHES

MONTH YEAR	JAN.	FEB.	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
13	16.1	15.4	1.6	2.9	TRACE	• )	.0	TRACE					
									.,				···
									<del></del>				
				_									
				<b>-</b>									7000
													1
					-								
MEAN	75 (3	12 40	12 74	0.07	7 2 2	7. 16.5	<u>۸</u> ۸	TOACE			E	14 60	
S. D.	11,068	8.702	10.606	8.863	4,55B	300	- 020	- OOO	734	1.070	6 963	12.144	32.20 1099
TOTAL CBS.	0 20	867	930	900	020	900	9 40	924	800	920	207	7:0	1000

MOTE \* (BASED ON LESS THIS FULL CONTHS)

USAF ETAC FORM 0-88-5 (OU)

**DAILY AMOUNTS** GLOBAL CLIMATOLUCY SPANGA USAFFTAC PERCENTAGE FREQUENCY OF AIR JEATHER SERVICE/MAC SHOW DEFTH (FROM DAILY OBSERVATIONS) 24101 HILL AFRICOUNT STATION NAME AMOUNTS (INCHES) MONTHLY AMOUNTS , PERCENT TOTAL OF DAYS WITH PRECIP TRACE .02..05 06-10 1 21-2.50 2.51-5.00 5 01-10 00 10 01-20 00 OVER 20 0 NO. OF MEASUR NOWFALL TRACE 01.04 0.5.1.4 1.5-2 4 2.5 3 4 3.5.4.4 4.5.6.4 6.5.10 4 10 5-15 4 15.5-25. 25 5-50 4 OVER 50 NONE OBS. GREATEST LEAST SHOW-DEPTH AMTS 4.6 7.12 13-24 25.36 49-60 NONE TRACE 61-120 JAN 9.6 5.3 75.6 931 3.5 9.1 13. 22.0 1/0 11.1 0 FES 7.0 7.6 17.8 4.1 56.9 847 32.9 10.2 6.7 16.0 1.3 MAR 7-2 4 . 1 930 60.0 8.9 4.8 4.9 2.7 31.1 C APR 87.2 9.0 900 3.8 3.0 1.8 1.2 1.8 1.1 930 O MAY 99.( 1.2 NUL 00.0 900 C JUL 100.0 930 AUG 100.0 930 SEP 99.9 900 C OCT 97.3 1.8 930 • 5 NOV 3.0 4.9 897 77.0 16.6 6.4 2.7

200

DEC

ANNUAL

Sand Billion

1210 WS JUL 64 0:15-5 (OLI)

37.5

75.5

10.5

8.7

3.5

7.5

2.8

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5.5

14.6

1.5

1.1

.0

51.7

20.3

930

10954

7.6

3.0

OL BOAL OF LANGITULLING BEATON AND A BARRIER SERVICE / AC

#### **EXTREME VALUES**

Stidm nepth

(FROM DAILY OBSERVATIONS)

STATION HILL AFB/ OF UTAF

18-19

DAILY SNOW PPTH, IN INCHES

A STATE OF THE STA

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	אטנ	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
4 8	1	1							0	Ų	5	12	
49	36	3 13	12	TRACE	(1	/1	O	3	Ç	2	THALF	22	غز
30	16	7	3	2	6	6	0	Ø.	TKACE	٥	6	2	16
1 1 1	12	5	<u>-</u> <u>-</u> <u>-</u>	2	3		0	7		TRACE	5	14	14
ا 2د	12	1.4	19	.4	3	0	O	0	ი	0	5	10	15
3 ر	17	1]	<u> </u>		<u>c</u>		0	<u> </u>	<u> </u>	1	TAALE	7	15
54	8	4	3	7	n	0	O)	C	O	C)		3	b
<u>55</u>	2.2	13	7		TRACE	<u>_</u>	0					12	22
ا 5د	5	6	1	1	C)	1)	0		C		5	5	6
57		7	1	1	0	<u> </u>	0	<u>C</u>	C	1)	- 4	3	
58	4	5	3	1	0	0	( - <sub>1</sub>	೧	0	ላ		1	ڭ ئ
>2	6	9	TKALL	TRACE	0		0	0				3	
60	6	5	8	IRACE	q	7	O	0	C	n	TRACE	7	6
61	TRACE	3	3	1	0	9	0	3	0	- 5	- 8	- 4	6
So	15	3	8	1	O	7)		O	Q			TRACE	15
<u>v3</u>	4	1				0	0		0		<b>#</b> 2	5	7
04	14	7	7		4	n	O	0	0	.7	4	4	14
05	6	5	<u> </u>	10	4		0	<u> </u>	0		2	4	16
06	8	14	9	1	Q	0	0	0	C	C		2	14
67	15	4	5		0	0	0	0				13	15
68	10	4	12		O	(1	0	0				10	15
09	10	19	14				0	0	0		0	6	1 9
/0	6	1	2	13	3	0	, -,	0	1		1	12	13
71	12	5	7.1.6	3			0	0	0			12	
72	ا ا 5	4	TRACE	(3	0	2	0	0			3	10	10
73	13	15	13		0		3	0	, <del></del>		$-\frac{6}{0}$	8	<u> </u>
	• 1	8 5	8		0	1	0	0	1		- 1	9	
75	14	3		i —i	6		0	0	<del></del>		12	7	<del> </del>
76 77	6	[]	6	12	0	0	1 1	0	i	1	, ,	1	,
MEAN		()	ume zzwek			0		The state of the s				إكسسي	
S. D													<u> </u>
TOTAL OBS													<del></del>
IOIAL OBS	<u> </u>		+ /OA	CCD ON	1 5 5 6		┺		!				4

MUTE \* (BASED ON LESS THAN FULL CONTHS)

THE RESERVE THE PROPERTY OF TH

USAE ETAC FORM 0-88-5 (OU)

GLOGAL CLIMATHERRY BRANCH USAFFTAC AIR FEATHER SERVICE/MAC

### EXTREME VALUES

SHOW DEPTH

(FROM DAILY OBSERVATIONS)

24101 STATION

HILL AFB/OTUFE UTAH

48-78

44.00

DAILY SNOW FPT. IN INCHES

MONTH YEAR	JAN,	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC	ALL MONTHS
76	7	6	1	1	n	^	O	٢					
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				j							1		
MEAN	15.6		5.0	7	1,0	• 7			7. 866			7 7	, ,
S D.	6.765	7.261	4.706	3.654	1.804	200	•000	.000	4000	1.377	3,029	5.017	13. 6.33. 1095.
TOTAL OBS.	^30	847	4.706 930	900	430	ำบา	940	930	200	930	197	930	1095

THOTE \* (BASED UP LESS THAT FILL BOUTHS)

USAF ETAC FORM 0-88-5 (OU)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

#### PART C

#### SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

\*1. Extreme Values - Peck Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an acterick (\*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are evailable for the month. An ALL MONTHS value is presented when every month of the year and valid observations. Neans and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual all hours combined, (2) By month all hours combined, and (3) By month by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Cailing 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with cailing equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

\*Values for means and standard deviations do not include measurements from incomplete months.

CLINE CLIMATOLOTY BRANCH USAH TAU AIR MEATOLR SERVICEZING

### **EXTREME VALUES**

SURPACE MINUS

(FROM DAILY OBSERVATIONS)

7 4 1 11 STATION

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ALLL AFBILITH A UTAL

DAILY PEAK USTS IN KNUTS

MONTH YEAR	NAL		FE	3	M	AR.	Al	R.	M	AY		JUN.	JU	JL.	AL	IG.	SI	Р	0	CT.	NC	ov.	D	EC.	ALL	нs
45											Г						ENE	31	۴NE	<b>*34</b>			NE	<b>*36</b>		
49	Ene*	57	46.	448			Nie-	*3ª	118-	68	<u>N!</u>	69	ENE	39	SE	47	SSE				\$ 5 'a	37	NW	43		
20	š	50	V 1	42	ΝW	02	S	45	•¥	41	55	. 40	11111	r) 2	SSH	41	N	44	SSE	40	MIAM	34	55 W	36	14	6,
<u>  51</u>	ENF	48	۶ <sup>۱</sup> ۴		SSE	57	SSW	44	F"IL	. 47	MV	1 3.	\$	38	NW	43	55.	42	WSW	51	N	48	NNN	43	351	5 5
52	NV	45	h 5 H	42	Ŀ	47	S	49	F.11F	. 83	35	50	LNE	45	NW.	57	5SE	64	ENE	39	ENF	42	SW	46	En	8
53	5	47	NF	58		57	S	37	HINK	45	Ni	1 4	SSL	47	ENE	<u>&gt;6</u>	54	43	ene	<b>₹75</b>	WNW	43	N	<u> </u>	EN	* 7
54	Ĺ	48	5	43	S	58	5	49	Rick	70	SS	4 9	& SE	49	ENE	43	×	52	EHE	54	\$		NIIN		Nn:	
55	ENE	35	<u>is</u>	42	N	49		52	511	50	XE.	5:	SSIV	44	S	38	ENE	38	MMIN	36	$NN_H$	41	S	57	5	- <u>5</u>
56	WMW	49	5 W	43	SE	36	ฟฟ	52		*39		3:	SF	46	E	35	SW	35	S	42	14	43	N	33	17 4	5,
57	£.	ò.5	5	34	W	50		50	> 5 M	1446	5	47	ENE	50	r)	59	ENE	33	k, p	44	Ν	48	전보	33		O,
59	IINE	38	ć.	34	ENL		ENE		558	3 !	, M.	., 3	e ild	39	SW	40	(	34	Ľ		wny	33	NH	24	l:	41
59		41		39	IIN	45	NNE			42	15.	3,	1	41			ENE	24	E		MNW	34		25	<u>                                      </u>	<u>_6</u>
υ0	S	24	N.W	35	MNW	38	5	42	\$	43	11/1	1. 38	ENE	38	KNM	42	٤	35	Ŀ	37	£	45	E	43	E	4,
61	<u> </u>	44	S	29			5 N	47	5 4	39	155		W_		SSW		NNE	40		<u>58</u>		<u>51</u>	MW	35	E	
02		48	5	32	SSE		NNW	-	55h	1 36	МV	38	ENE			47		24	S	*45	ини	25	Ŀ	22	Ŀ	4;
63	SSE	33	E	59				*49			-	1-×4(				*32	5 W	¥27				* & B	17	<b>*25</b>	E	5
1,4	S *	39	MNA	24		*36		<b>#4</b> ()	T	<b>*33</b>	3 14	<b>*3</b> ·	/ l:	*23	SF	<b>¥35</b>	1	<b>*32</b>		*39				*40	EN	5*06
<u> 65</u>	5 ¢		M VI H					*40		*2		*3		*36						<b>*23</b>		491		<u>*33</u>		*4,
66	t	25			MM		NW	32			SINY		54		SW		NS M		KM		SSE	33	1	49	S 🤻	つく
67	SW	38	54	33			2 k		S 5 1			3;			ENE				SSW		\$S₩			50	Sw	
ប <sub>ន</sub>	5 W	40	-	40		41	1	44	-		ŊΝ		123/		24/		22/		18/		26*		30+		5 %	4 (
<u> 29</u>	30/		11/		11/		34/	417			326		23/		18/	<u>50</u>					16/		10/	16	13.	
70	17/		17/	39	1	57	_ ~ •		231	_	317		23/	-	15/	-	16/	44	25/	-	14/		31/	44	8	•
71	8/		181		18/		22/		13/		22		9/	36		27		40			27/	39		30	22.	
12	8/		36/		35/		25/		20/		120		33/		20/		17/		17/	-	18/	-	34/	35	26,	
73	18/	34			15/		11/	62			2.		19/	40			26/		25/		28/		10/	40	11	
74	17/	_	17/		18/		18/		26/		27		24/		22/	39		•	15/	-	29/	-	32/	42	18	
15	31/		29/		34/		17/		34/		132				23/	່ 5ຄ			17/		30/	37	9/	32	23	
16	34/	-	31/		29/		23/		33/		321		17/		19/		18/	-	261		34/	40		30	17.	
77	16/	38	9/	32	36/	48	20/	37	25/	40	321	1/ 3	123/	<u>50</u>	25/	42	18/	40	17/	37	27/	<u>კი</u>	30/	43	23	ر ځر
MEAN					ļ				<u> </u>				<u> </u>		<u> </u>		ļ						<u> </u>		ļ	
S. D.	<u></u>	·					<u> </u>				.		<u> </u>		İ		<u> </u>								<b> </b>	
TOTAL OBS.	1								_		!				<u></u>										1	

USAF ETAC FORM 0-88-5 (OLI)

MUTES \* (BASED UM LESS THAN FOLL MONTHS)

\$ (BASED DM LESS THAN FOLL MONTHS AND +100 KNOTS)

GLUDAL CLIMATULUCY EPANCH USAFFTAC AIR REATHER SERVICE/PAC

#### **EXTREME VALUES**

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

24101 HILL APS/LIGUER UTAH
STATION NAME

#### DAILY PEAK , USTS IN KAUTS

MONTH	JAN.	FEI	l i	MAR.		APR	MA		JUN	- 1	JUL.	AUG.	SEP.	oct	NOV.	DEC	ALL MONTHS
78	18/ 2	621/	36	8/ 4	41	7/ 41	32/	42	29/	42	32/ 38	29/ 40					
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		-			+		<del> </del>			-							
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	*	-			_												
		-			-		<del> </del>			$\dashv$							
		-															
	-	-	يست														
MEAN	39.	4 3	• 3	46.	3	43.5	4-4	<u> </u>	-, ]	إثب	43.0	43.7	30.0	42.0	2.0	38,5 3,525 877	ς.
S D	9.27	1 7.	310	9,95	7]	1.196	1 1	172	5	34	7.818	1 3.578	8.341	9 <b>⊾29</b> 8	1 5 . 727	1 .525	ا و زر ا

USAF ETAC FORM 0-88-5 (OLI)

THE \* (BASED UP LESS THAT FULL HONTHS)

\$ (LASED OF LESS THAT FULL HONTHS AND PLOC RESETS)

GLOBAL CLIMATOLOGY BRANCH USAFETAC SURFACE WINDS AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) HILL AFB/OGDEN UTAH 67-70,73-78 WEATHER C SPEED (KNTS) DIR. 41 - 47 48 - 55 ≥56 0 N 3.5 NNE O NE ENE 6.0 7.8 10.2 7.8 33.1 ESE 12.4 8.8 8.3 SE 1.8 6.1 SSE 2.5 1.6 1.2 4.5 SSW •6 SW WSW •6 1.3 9.8 WNW 1.2 1.2 C NW .4 • 5 NNW VARBL 12.5 C 100.0 7.2 C TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

The state of the state of

MESSAGE A

C

€

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL ALBYDOUTH DIAM	67-70,1	3-75	NAD
BTATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		0300-0500
		CLA98		HOURS (L.S.T.)
	<del></del>	CONDITION		
	•			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.2	•5	•3	•1							2.4	7.4
NNE		• 2										• 2	6.0
NE		• 2						1				•2	4.5
<b>ENE</b>	•2	•1	•2									•5	5.0
E	1.0	1.4	1.8	1.6								5.8	7.6
ESE	2.2	6.0	13.2	13.2	1.5					i		36.1	9.7
SÉ	1.4	3.9	2.0	1.5	.1				<b> </b>	<b>-</b>		8.9	6.8
SSE	1.3	2,5	1.5	• 4	.1	-1		1	<b> </b>			5.9	6.3
5	.5	3.2	4+3	5.9	1.5	. 8		1	<u> </u>		i — —	16.2	11.1
SSW	.5	1.7	1.4	•6	•1			i		1	i	4.4	7.3
sw	•6	.5	•2	•1		•1		i i	1			1.6	6.3
WSW	•1	•3	•2	•1		. 1						.9	9.0
w		.1	•2	•1				1			<u> </u>	•4	8.3
WNW	•2	•1	•1	• 2				1				•6	6.5
NW	•2	.5	•5	•3	•1			<b>i</b>	<u> </u>			1.7	7.9
NNW	•5	•6	•9	•3	.2			<b> </b>				2.6	7.5
VARBL		•											
CALM	$\geq \leq$	$\geq \leq$	$\times$	>>	$\times$	$\times$	$\geq$	$\geq$	$\geq$	$\geq$	$\geq$	11.4	
	9.0	22.7	27.2	24.8	3.8	ندل						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 930

STATE OF THE

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## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HILL AFB/OGDEN UTAH	67-70,73-78	JAN
STATION NAME	TEARS	MONTH
	ALL WEATHER	0600-0800
	CLASE	HOURS (L.S.Y.)
	CONDITION	
		STATION NAME  ALL WEATHER  CLASS

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	• 5	.6	• 3	•1		• 1						1.7	6.3
NNE	.3	.5	•2									1.1	4.6
NE	• 1											•1	2.0
ENE	• 3	,3	• 4									1.1	5.3
	.8	, 9	1.6	1.9	.3							5.5	9.8
ESE	1.1	4,8		15.7	2.5							36.9	10.6
SE	1.4	2.3	2.6	1.3	.4				i			8.0	7.6 6.3
SSE	• 9	2.7	1.7	•8								6.0	6.3
5	1.8	3.9	4.8	5.7	2.0	1.0						19.2	10.5
ssw	•6	.5	1.1	• 3	.1							2.7	7.2
sw	• 2	.4	•1									• 8	4.7
wsw	.1	•1			•							• 2	3.0
W		•2	• 1	• 1								.4	8.5
WNW		.3										•3	4.3
NW	. 2	. 3	• 2					1				• 8	5.1
NNW	•6	. 8	1.0	•4		• 1	]					2.9	7.9
VARBL													
CALM	><	> <	$\times$	><	> <	> <	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		12.4	
	9.0	18.7	27.0	26.3	5,4	1.2						100.0	8•2

TOTAL NUMBER OF OBSERVATIONS 930

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/DGDEN UTAH	67-70,73-78	JAN
MOITATA	STATION NAME	TEARS	MORTH
•		ALL WEATHER	0900-1100
		CLASS	HOURS (1.8.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•4	1.0	•6	•3	•1				<del>                                     </del>			2.5	6.6
NNE	•2	•1		•1								•4	5.8
NE	.5	.3										•9	3.
ENE	.1		•3	•1	.1							•6	963
E	•9	1.3	3.2	1.6								7.0	8 • :
ESE	1.5	7.6	11.1	10.9	2.5	•1						33.7	9.9
SE	1.3	2.4	2.3	1.4	.3	• 2						7.8	7.
SSE	1.5	2.5	1.8	•9		• 3						7.0	7.
5	1.6	3.2	4.9	6.6	1.9	• 5	• 2					19.0	10•
SSW	.3	1.9	1.0	•9	.1	• 1			ļ	<u> </u>		4.3	8 •
SW	•6	•6										1.3	3.
WSW	•4	•2	•4	•1								1.2	5.
W	•5	.3	• 4						<u> </u>	L	<u> </u>	1.3	5.
WNW	•1		•1	•1	•1						<u> </u>	• 4	11.
NW	• 3	.5		•2							<u> </u>	1.1	5 4
NNW	• 2	.6	• 2	•4	.5						<u> </u>	2.0	10.
VARBL					1							<u> </u>	
CALM		> <	X		$\supset <$	$\supset$	$\boxtimes$	$\geq$	$\geq \leq$	$\geq \leq$		9.5	
,	10.6	22,7	26.5	23.5	5.7	1,3	•2					100.0	8.

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC JUL 64 0-8-5 (OL-A) PREVIOUS COITIONS OF THIS FORM ARE OBSOLET

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## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

Market Barrier

24101 STATION	HILL	AFB/UC	DEN UT	ТАН			57-	-70,73-	78				<u>J</u>	AN
STATION			STATION	NAME						EARS				
						ALL WE	ATHER						1200	-1400
						CI	LASS						MOURE	(L 3,T.)
							DITION							
						CON	DITION							
	Γ			<del></del>						T	<del></del>		<del></del>	
	SPEED (KNTS)	1.3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	<b>%</b>	MEAN WIND
	DIR.		7.0	, , ,			20 - 27	., .,		1	10.00		~	SPEED
	N	.8	1.8	•4	•5	.3				<b></b>			3.9	7.0
	NNE	• 3	•2		•1					i			.6	5.2
	NE	•5	•1			•1				1			•8	5.0
	ENE	•4	•1	•2	•2					1			1.0	6.4
	E	1.5	2.9	1.7	•6								6.8	6.0
	ESE	1.2	3.7	4.5	3.0	.1							12.5	8.0
	SE	1.9	2.6	1.3	• 3	•1							6.2	5.4
	SSE	1.2	1.8	1.1	1.0		• 1						5.2	7.0
	5	1.4		6.7	5.6	1.9		• 3					22.3	10.2
	ssw	1.0	2.7	2.6	1.3	.3				<u> </u>			7.8	7.6
	SW	• გ	1.2	• 9						<u> </u>			2.8	5.2
	wsw	•5	.4	.4	•3		<u> </u>	L					1.7	5.1
	w	.6	1.2	•6	• 3	•1				<u> </u>	<u> </u>		2.9	6.4
	WNW	• 5	.1	•1	•1		<u> </u>				<u> </u>		.9	4.5
	NW	. 9	1.1	• 8	•1		ļ			<b> </b>			2.8	5.3
	NNW	1.3	2.8	1.5	•6	•1							6.3	6.2
	VARBL					<u> </u>	Ļ			<del> </del>	<del> </del>		15.6	
	1	" \ _		_									I 1 1 - A	

TOTAL NUMBER OF OBSERVATIONS

930

100.0

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## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/UGDEN UTAH	67-70,73-78	JAN
STATION	STATION NAME	YEASS	KTHOM
		ALL WEATHER	1500-1700
	***************************************	CLASS	HOURS (L S.T.)
	<del></del>	CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.2	1.7	,4	•5	• 1	• 1						4.1	6.4
NNE	•6	•1	•1							i		•9	3.3
NE	•1	•1	• 2									• 4	6.0
ENE	• 2	•2		•1	• 2							•8	9.1
E	1.7	1.3	• 2	• 3	•1							3.7	5.2
ESE	1.1	3.9	2.5	• 2								7.6	5.8
SE	1.3	.9	•6									2.8	4.3
5SE	2.2	2.8	1.2	• 9								7.0	5.6
\$	2.3	5.1	5.5	6.1	2.0	.4	•1					21.5	9.8
ssw	1.3	2.2	2.3	• 8	.1			.1				6.7	7.2
SW	1.2	. 8	+2	• 3							i	2.5	4.9
wsw	• 5	•1	• 2	• 1				L				1.0	5.0
W	1.3	1.0	• 3					Ĺ				2.6	4.2
WNW	.5	.3	• 3					L				1.2	4.6
NW	1.0	2.0	•4	•2				l				3.7	5.0
MNM	2.6	4.3	1.6	• 2	.1							8.8	5.0
VARBL										L			
CALM	><	$\times$	$\times$	><	> <	$\geq <$	$\times$	$\geq$	$\geq \leq$	><		24.9	
	19.0	26,7	16-1	9.8	2.7	• 5	•1	.1				100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

930

WNW

VARBL

CALM

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## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24 1	HILL	AFB/0					67	70,73						IAN
MOLTATE			STATION	HAME						YEARS				MINO
						ALL WI	EATHER						1800	2000
						Ç	LA98	_			_		HOUR	(L S T.)
						COM	DITION				_ <del>_</del>			
											_			
	SPEED									]				MEAN
	(KNTS)	1-3	4.6	7 - 19	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	<b>×</b>	WIND
	DIR.													SPEED
	N	1.6	2.5	•8	• 8								5.6	5.6
	NNE	.3	•1	•2	•1								8∙	5.9
	NE	•2		•1									•3	4.0
	ENE	.1	•1										•2	3.5
	E	1,6	1.5	•9	• 4								4.4	5.3
	ESE	3.4	4.9	6.7	1.4	•2							16.7	6.6
	SE	2.7	4.7	• 8	•1								8.3	4.5
	SSE	1.5	3.5	1.4	•2	.1							6.8	5.5
	5	2.4			5.4	2.0	.3		i		i		21.1	9.4
	SSW	.6		•6	•1						i		2.7	5.5
	SW.	.6							<del>                                     </del>	<del> </del>	<del> </del>		1.5	4.1
	WSW	• 5	.4							<del> </del>			1.0	3.7
	1-3011	<del></del>				·		<del></del>	<del> </del>	<del> </del> -	<del> </del>		1 4	1 6

TOTAL NUMBER OF OBSERVATIONS 930

23.9

100.0

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GL 4 AL CLIMATOLOGY BRANCH US 4 ETAC AI 4 WEATHER SERVICE/MAC

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24 1	HILL AFB/UGDEN UTAH	67-70,73-78	JAN
STATION	STATION HAME	TEARS	MONTH
		ALL WEATHER	2100-2300
		*LASS	HOURS (L.S T.)
		COMPITION	<del></del>

SPEED (KNTS) DIR,	1 - 3	4-6	7 - 10	17 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.8	.5	•3	•5	•1			1				2.3	7.2
NNE	•5	.6										1.2	3.
NE	•4	•1										•5	2.4
ENE	•2	.3	• 1									•6	4
Ε	1.4	1.2	1.9	1.0								5.5	7.
ESE	2.2	7.8	10.8	5.6	•1							26.5	7•9
SE	2.2	3.8	1.3	.4								7.6	5 • 2
SSE	1.7	2.5	1.7	•6	.2							6.8	6.7
\$	2.2	4.1	5.6	5.3	1.6	• 3						19.0	9.4
SSW	•6	1.9	1.0	• 3	•1							4.0	6.4
SW	• 3	.3	• 1	• 1		• 1						1.0	8•
WSW	•1	.6	. 4									1.2	6.0
w	• 1	.2	• 2	• 2								•8	8.0
WNW	•1	.2	• 3					L				•6	6 • 3
NW	.5	,6	. 4									1.6	5.
NNW	• 3	1.1	8	• 3	.1	• 2						2.8	8 • 3
VARBL											l		
CALM	$\supset <$	><	>	><	><	><	$\geq <$		$\triangleright <$	$\supset <$	$\geq \leq$	18.1	
	13.7	26.0	24,9	14.4	2.3	.6						100.0	6.

TOTAL NUMBER OF OBSERVATIONS

930

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#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101 HILL AFB/DGDEN UTAH 67-70,73-78

STATION STATION HARE FAIL WEATHER ALL
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SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	. 8	1.3	• 5	• 4	• 1	. • 0						3.1	6.3
NNE	• 3	.3	• 1	•0						i		•7	4.5
NE	• 3	•1	•0		.0			l				•4	3.9
ENE	• 2	• 1	•2	• 1	.0							•6	6.5
£	1.2	1.5	1,7	1.1	,1							5.6	7.3
ESE	1.9	5.8	9,2	7.5	.9	•0						25.4	9.0
SE	1.7	3.0	1.6	• 8	.1	•0						7.2	6.2
SSE	1.4	2.6	1.5	•7	.1	1						6.3	6.3
5	1.8	4,3	5.3	5.7	2.0	• 5	•1					19.6	10.1
SSW	.7	1.8	1.3	•6	•1	.0		.0		l		4.6	7.2
sw	•6	•6	•2	• 1		•0						1.5	5.2
WSW	.3	.3	• 2	•1		.0		L		Ĺ		1.0	5.6
w	. 4	.5	• 3	• 1	•0			<u> </u>		<u> </u>		1.4	6.1
WNW	• 3	•2	• 2	•1	.0							. 8	5.7
NW	.4	. 8	• 4	• 1	.0							1.7	5.8
NNW	. 9	1.7	• 9	• 3	•2	1						4.0	6.6
VARBL													
CALM	$\geq$	><	><	><	$>\!\!<$	><			$\geq \leq$	$\geq <$	$\geq <$	15.0	
	13.2	24.9	23.7	17.7	3,6	. 8	.1	.0				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE CRESCLETE

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#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101 HILL AFB/OGDEN UTAH 67-70,73-78 FEB 0000-0200 ALL WEATHER SPEED (KNTS) ≥56 3.0 •5 NE ENE 9.0 2.8 18.9 11.0 E 12.5 2.1 ESE 42.8 10.1 3.2 3.2 1.3 9.0 3.0 1.1 3.0 •7 3.0 4.4 5 .9 9.6 SSW SW WSW •1 • 4 w 5.3 WNW •4 1.1 4.9 NW VARBL 8.5 8.2 100.0

TOTAL NUMBER OF OBSERVATIONS

846

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

শ্ৰেধ GLOBAL CLIMATOLOGY BRANCH SURFACE WINDS USAFFTAC 2 AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) HILL AFB/OGDEN UTAH FEB 24101 67-70,73-78 <u>2399</u> 0300-0500 ALL WEATHER SPEED (KNTS) DIR 7 - 10 11 - 16 17 - 21 ≥56 34 - 40 48 - 55 N 1.7 6.5 2.0 NNE ΝĘ 2.3 •2 8•7 ENE 2.6 18.9 1.3 9.6 ESE 11.0 4.7 16.0 3.4 SE SSE 3.2 3.9 2.7 •9 SSW SW wsw W •5 • 8 4.3 WNW 4.4 NW 6.0 NNW VARBL 100.0 8.8 TOTAL NUMBER OF UBSERVATIONS 846

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## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL	AF B / U					67.	-70,73				PEB MONTH				
STATION		-	BTATIO	N HARE			FATHER			FEARS			0600-0800 HOURS (L.S.T.)			
		-				co	(DITION				_ <del></del>					
	SPEED (KNIS)	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•6	.8	•1	•2					1	T		1.8	5.3
NNE	•1	.1	•1							1		•4	4.7
NE	•1											•1	2.0
ENE	. 4											•4	2.3
E	•7	. 8	2.6	3.4	.9	• 8						9.3	12.0
ESE	8.	3,5	12.1	22.7	4.6	1.5						45.3	12.2
SĒ	•6	2.2	2.8	1.7	•7							8.0	9.0
SSE	.4	2.6	•7	• 4								4.0	6.0
5	1.1	2.4	4.3	3.8	.6							12.1	9.2
SSW	.9	.7	1.1	•6	• 2							3.5	7.5
_ sw _		. 5	• 1									•6	5.0
WSW		•1	• 1	• 2				Ţ				•5	10.3
w	. 4	4	• 4	•5	• 1				I			1.7	8.4
WNW	• 1	.4	,5									• 9	6.5
_NW	• 2	.5	- •6	•1								1.4	6.3
WNN	•1	.5	• 2	+1	•1						1	1.1	8.2
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\geq$	$\geq \leq$	$\geq$	$\geq \leq$	$\geq$	$\boxtimes$	$\boxtimes$	$\geq$		9.0	
	6.5	15,5	25.7	33.7	7.3	2.4						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 846

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AF8/OGDEN UTAH	67-70,73-78	FEB
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	0900-1100
		CLASS	HOURS (L S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 2	.7	1.3	•2	• 2						-	2.7	8•
NNE	.7	•1	•1									•9	3.
NE	•1			• 1								•2	7.
ENE		•1		•1		• 1						• 4	14.
E	8.	1.4	2.2	4.1	1.3	.6	• 1					10.6	12.
ESE	• 9	4.4	13.8	17.0	4.0	.5						40.7	11.
SE	1.5	2.6	2.2	1.2	.5							8.0	7.
SSE	8.	1.7	•6	• 5	.4							3.9	7•
5	• 6	2.8	4.5	5.2	1.2							14.3	10•
ssw	• 4	1.4	1.4	•7								3.9	7.
sw		•7	• 2	•1								1.1	6.
WSW	• 1	• 2	• 1	• 2								• 7	7•
W	• 2	• 2	• 5	•1								1.1	6.
WNW	• 1	.4	.4	• 1	.1							1.1	9.
NW	. 5	. 2	• 6	•1	.1	• 1						1.7	8 •
NNW	.4	1.7	• 8	• 2								3.1	6.
VARBL													
CALM		><	><	$\times$	><	><	$\times$	><	><	><	><	5.7	
	7.4	18.7	28.8	30.1	7.8	1.3	• 1					100.0	9•

TOTAL NUMBER OF OBSERVATIONS 846

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	HILL AFB/BGDFN UTAH	67-70,73-78	FEB
STATION	STATION HAME	ALL WEATHER	1200-1400
		CLASS	HOURS (L S T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•2	1.2	1.7	•6	.2							3.9	8 • 4
NNE	• 2	.1	i						<del> </del>			•5	4.3
NE	•2	•1	•1					l	†			• 5	4.5
ENE	• 2			.4				i				•6	9.4
E	2.5	2.1	2.4	1.5	1.1	•1	•1		<u> </u>		<del>                                     </del>	9.8	8.3
ESE	1.7	6.1	5.9	3.9	.9	• 2						18.8	8.4
SE	.8	1.7	1.3	• 1		<u></u>						3.9	5.7
SSE	1.1	1.4	1.4	•4					<u> </u>	·		4.3	6.3
5	.8	3.4	6.0	5.0	2.0	• 1				†		17.4	10.4
	.8	3.4	2.0	.9	•2	•1						7.6	7.4
SSW	.9	1.8	1,1	0.4	.1	• •	<del>                                     </del>		1	<del>                                     </del>		4.3	6.0
SW	.8	1.2	•2	•2				<del> </del>				2.5	4.7
WSW	1.1	1.9	•6	• 2				<del> </del>	† · · · · · · · · · · · · · · · · · · ·	<del>                                     </del>	·	3.8	5.5
	- 7	.6	•5	• 2	•1			<del> </del>	<del>                                     </del>	<del> </del>		2.1	6.5
WNW	.4	1.7	•5	• 4	•1			<del> </del>	<del> </del>	<del> </del>		3.0	6.6
NW	1.2	2.4	1.3	• 7	• 2			<b></b>	<del> </del>	<del> </del>	<del>                                     </del>	5.8	7.0
NNW	106	6.7	1 19	<del>- ''</del>	! • • • • • • • • • • • • • • • • • • •		<del>                                     </del>	<del> </del>	<del> </del>	-	<del> </del> -	1	
VARBL		<del></del>	$\leftarrow$	<del></del>		$\overline{}$	$\leftarrow$	<del>                                     </del>	$\leftarrow$	$\overline{}$		11.5	
CALM		$\sim$	$\geq$										
	13.7	29.1	25.1	14.9	5.1	٥٥	•1				<u> </u>	100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 846

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101 HILL AFB/LIGDEN UTAH 67-70,73-78 FEB

STATION STATION NAME ALL WEATHER 1500-1700

CLASS HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
И	2.8	2.2	1.3	•7	.2			<del>                                     </del>	<b></b>	1		7.3	5•
NNE	• 5	.6								1		1.1	3
NE	•4	.6										•9	3
ENE	•4		•1	•1								•6	5
E	1.5	1.9	•7	•6	. 5	• 2						5.4	7
ESE	1.9	2.4	2.5	1.1	.6	•1						8.5	7
SE	• 6	1.8	•2	•2								2.8	5
SSE	• 8	1.3	1.1	•6	•1							3.9	6
S	1.1	3.8	4.7	4.6	1.3	• 2						15.7	9
ssw	1.2	2.2	1.9	• 7								6.0	6
sw	1.8	1.2	•9		_							3.9	4
wsw	•7	1.5										2.2	3
w	1.8	2.0	•8	•5								5.1	5
WNW	•7	1.3	• 2	•1								2.4	4
NW	1.7	2.2	•5	•1								4.5	4
мим	1.7	6.0	2.6	2.0	.5							12.8	6
VARBL													
CALM	><	><	><	><	> <	> <		$\supset <$	$\supset <$			16.8	
	19.4	31.1	17.6	11.3	3,2	. 6						100.0	5

TOTAL NUMBER OF OBSERVATIONS 84

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/UGDEN UTAH	67-70,73-7	В	FEB
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		1800-2000
		CLASS		HOURS (L.S.T.)
		COMDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	4) - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	3.1	3.4	1.4	•5		• 1						8.5	5.1
NNE	• 5	.4										• B	3.3
NE	•6	•1										.7	2.5
ENE	•6	• 2	•1									•9	4.1
E	1.2	2.1	1.4	• 5	.7	• 2						6.1	8 • 2
ESE	2.8	4.8	5.2	2.5	1.1	• 2				I		16.7	8.1
SE	2.2	1.7	•6	•1								4.6	4.1
SSE	• 9	2.7	2,2	• 5	•2							6.6	6.8
s	1.1	4.1	4.1	4.0	.9	• 2						14.5	9.5
ssw	• 5	1.1	,4	• 1								2.0	5.3
sw	• 2	•2	• 2			• 1						.8	7.1
wsw	•6	.4	•1									1.1	4.0
w	•2	•1	•1									• 5	4.5
WNW	•6	. 6	•1									1.3	3.7
NW	1.1	1.2	•5		. 1							2.8	4.8
NNW	2.0	3.9	1.8	,4								8.0	5.2
VARBL													
CALM	><	> <	$\times$	$\times$	$\times$	$\times$	$\geq <$	$\geq <$	$\geq$	$\geq \leq$		23.9	
	18.2	27.1	18,3	8,5	3.1	.9						100.0	5,2

TOTAL NUMBER OF OBSERVATIONS BAG

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101 STATION	HILL AFB/OGDEN UTAH	67-70,73-78	FEB
STATION	STATION NAME	YEARS	HTHOM
		ALL WEATHER	2100-2300
		CLASS	HOURS (L.S T.)
			_
		COMDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•5	1.4	•6	1						<del>                                     </del>		2.6	5.0
NNE	•5											• 5	2•
NE	•6	•2										• 8	3•
ENE	•5	•1	•2									. 8	3.
Ε [	•9	1.4	3.5	1.8	•9	• 4						9.0	9.
ESE	3.0	8.6	15.8	6.6	2.0	• 4						36.4	8•
SE	2.0	3.9	2.1	•7	•1							8.9	6.
SSE	1.3	3.1	1.8	•8	.4	- 1						7.4	7•
S	1.3	3.2	3.2	3.2	1.4	• 2						12.5	10.
SSW	•5	.6	•9						<u> </u>			2.0	6.
sw	•6	.6	. 5									1.7	5•
W\$W			• 1									• 1	8•
W	• 2	. 8	• 2	• 1								1.4	6.
WNW	• 5		• 1	•1								•7	5•
NW		• 2	• 4									•6	7.
NNW	. 8	1.2	• 5									2.5	4.
VARBL													
CALM	><	><	> <	><	$\times$	>>				$\supset <$		12.1	
	13.1	25.4	30.0	13.5	4.8	1.1						100.0	7.

TOTAL NUMBER OF OBSERVATIONS

846

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### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/UGDEN UTAH	67-70,73-78		FEb
STATION	STATION NAME		TEARS	NTHOM
		ALL WEATHER		ALL
		CLASE	<del></del>	HOURE (L.S.T.)
	<u></u>	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.1	1.3	•9	• 3	•1	• 0						3.8	6.2
NNE	.4	•2	•0									•7	3.
NE	• 4	•2	•0	•0								•5	3.
ENE	.3	.1	•1	•1		•0						• 5	5.0
E	1.1	1.6	2.1	2.2	.9	. 5	• 1					8.5	10.
ESE	1.7	5.2	11.3	10.7	2.3	6	• 0					31.8	10.
SE	1.2	2.5	2.0	•9	.2							6.9	7.0
SSE	1.0	2.1	1.2	•5	•1	• 0						4.9	6.
S	1.0	3.2	4.2	4.2	1.3	• 1						14.0	9.
SSW	• 7	1.4	1.1	• 5	• 1	• 0						3.8	7.
sw	• 5	.7	. 4	• 1	.0	• 0						1.7	5.
wsw	.3	• 5	• 1	• 1								1.1	5.
w	• 5	.8	• 4	• 2	•0							1.9	5∙
WNW	• 4	.5	• 3	• 1	•0							1.3	5.
NW	•6	1.0	•4	• 1	.0	.0						2.1	5 •
NNW	•9	2.1	.9	,,4	.1							4.4	6.
VARBL													
CALM	><	><	><	><	><	><	><	><	$\triangleright <$	$\supset <$	><	12.2	
	12.1	23,3	25.5	20.3	5,3	1.2	• 1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 6768

USAFETAC  $\frac{\text{FORM}}{\text{JUL 64}}$  0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

€.

#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| ALL WEATHER | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 100000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 100000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 | 10000-0200 |

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•6	1.3	1.9	• 3	• 2							4.4	7.6
NNE	• 4	• 5		•1						l ———		1.1	4.7
NE	• 3		• 3	•1								•8	6.9
ENE	• 1	.3	•1		• 1							•6	7.3
Ε	• 1	1.3	2.4	2.0	1.1	•4	•2					7.5	12.2
ESE	1.6	9.4	21.1	9.9	• 2							42.2	8.6
SE	1.1	1.9	1.2	• 2						i — —		4.4	5.6
SSE	• 4	1.3	1.1	• 2		.2				T		3.2	7.6
S	. 8	2.0	4.1	5.3	1.9	• 5						14.6	11.4
ssw	. 8	1.1	• 5	•6	• 2	• 2						3.4	8.2
sw	• 2	.3	• 2						i			•8	4.9
wsw	• 1	• 2	•2						i — —			• 5	5.8
w	.5	.3	• 8	•2						l		1.8	6.7
WNW	• 3	.5	•5	•1								1.5	6.0
NW	• 1	.9	• 3	• 2	• 1					i		1.6	7.4
NNW	•8	.8	1.2	•9	• 2	•1						3.9	8.7
VARBL	1												
CALM	$\geq \leq$	$\geq$	$\geq$	><	$\geq$	$\geq$	$\geq \leq$	$\geq \leq$	$\geq$	$\geq$	$\geq \leq$	7.6	
	8.3	22.2	35.9	20.2	4.1	1,5	• 2					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

930

SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101 HILL AFB/UGDEN UTAH 67-70,73-78

MAR
STATION STATION MARE ALL WEATHER 0300-0500
CLASS CONDITION

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•6	1.8	1.7	•9	.1							5.2	7.5
NNE	•2	. 8	• 1	• 1								1.2	5 • 5
NE	• 1	• 2	• 1									• 4	5.3
ENE	•1	.2	•3	•2	• 1							1.0	9.9
ε	• 5	1.1	1.9	3.4	.5	• 1	•1					7,7	10.8
ESE	1.8	5.4	18.0	15.8	.2	• 2	• 1					41.5	9.8
SE	•6	2.8	1.5	• 4								5.4	6.3
SSE	• 4	1.4	•9	• 8	.2	٠3						4.0	9.3
\$	1.1	1.9	5.2	3.8	1.5	• 3						13.8	10.5
SSW		.5	• 8	• 3		. 3						1.9	10.8
sw	•4	.2	• 2			•						• 9	4.5
WSW	• 1	.2	• 2	• 2								.8	7.6
W	• 2	•6	• 3	• 5								1.7	7.8
WNW	• 1	.5	•2	•1	. 1							1.1	7.5
NW		.5	• 3	• 3								1.2	8.1
NNW	• 1	1.5	1.9	• 5								4.1	7.6
VARBL													
CALM		><	><	><	><	><	$\times$	><	><	$\supset <$	$\geq <$	8.3	
	6.6	19.8	33.7	27.4	2.8	1.3	•2					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

930

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (NPTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.5	1.6	• 5								4.9	6.2
NNE	.1	.8	•4	•1					T	1		1.4	6.5
NE	•21		•2					i				•4	5.0
ENE	• 1	•1	• 1									•3	5.3
E	•9	1.7	1.7	3.1	1.5	•1	• 2				t	9.2	11.2
ESE	1.5	4.3	16.0	19.9	1.0	.1						42.8	10.5
SE .	• 8	1.8	1.1	+4	.1							4.2	6.4
SSE	•9	1.3	1.6	• 5	.9							5.2	8.5
5	.8	1.9	3.5	4.0	2.2	• 4						12.8	11.3
ssw	•2	• 3	•5	•2					T			1.3	7.1
sw	•4	.5	.21	•2				i				1.4	5.8
wsw	• 2	.2	• 3	,2								1.0	6.8
\r'	• 2	•2	• 3	• 3							i	1.1	7.1
WHW	•1	• 4	• 3	•1								1.0	6.7
NW	• 1	1.1	•6		•1						Ī	1.9	6.6
NNW	8	2.0	1.6	+1		• 1	· -					4.6	6.4
VARBL										T			
CALM		> <	$\geq \leq$	$\geq \leq$	$\times$	$\geq \leq$	$\geq$	$\boxtimes$	$\geq$	$\geq$	$\geq \leq$	6.5	
	8.5	18.3	30.3	29.8	5.7	. 8	• 2					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

930

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/OGDEN UTAH	67-70,73-78	MAR
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	0900-1100
		CLASS	HOURS (L.S.T.)
	<u> </u>		
		CONSTRION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.0	2.3	1.9	1.3	•1			<del>                                     </del>				6.6	7.4
NNE	• 3	•6	•1						<del> </del>	<del>                                     </del>		1.1	40.
NE	• 3	• 1	•1									•5	3.6
ENE	• 2	•1	•1	•1	•1	•1						•8	10.7
E	•6	1.8	2.9	2.3	.4	•3	•4					8.8	10.7
ESE	• 9	4.7	12.5	9.4	.5				1			28.0	9.6
SE	1.2	1.7	1.2	94								4.5	5.8
SSE	• 2	1.2	1.8	•6					1			3.9	7.5
S	• 4	2.5	4.0	6.5	2.6	•9	•2	i — —				17.0	12.2
ssw	•6	1.9	1.9	•9	•1	•1		i		1		5.6	7.7
sw	• 3	.8	•6	• 3				i				2.0	6.5
WSW	• 2	•6	•5	•1	.1							1.6	6.9
' w	• 5	1.0	•9	• 5		•1		i				3.0	7.6
WNW	• 5	•3	• 3	•1						1		1.3	5.7
NW	•1	1.2	• 5	.4	•3							2.6	8 • 7
NNW	•4	1.9	1.9	1.5	.1	·····						5.9	8.4
VARBL												#	
CALM	$\times$	> <	$\times$	$\geq \leq$	$\times$	$\times$	$\times$		$\boxtimes$	$\supset$	> <	6.9	
	8.0	22.8	31.4	24.4	4.4	1.5	•6					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 930

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## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/CGDFN UTAH	67-70,73-78	MAR
STATION	STATION HANR	YEARS	NORTH
		ALL WEATHER	1200-1400
		CLASS	HOURS (L.S T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.4	2.4	•6	• 3					-	<u> </u>	6.8	7.0
NNE		•2	• 4				-					•6	6.6
NE	•1	•4										• 5	4.0
ENE		.3	•1	• 1	•1							•6	9.0
ε	1.1	1.1	1.4	1.3	•4	. 4		.1				5.8	10.
ESE	1.3	1.7	•9	• 2	• 1							4.2	5.5
SE	1.0	.9	• 3									2.2	404
SSE	1.1	•6	1.3	• 9							<u> </u>	3.9	7•
S	.9	2.3	5+8	5.6	3.3	• 9	• 3					19.0	12.
SSW	1.0	3.2	3.4	2.5	.4	• 1				<u> </u>		10.6	8 • 4
SW	• 5	2.7	1.2	•6						Ĺ	<u> </u>	5.1	6•
wsw	1.2	1.3	•9	• 3							L	3.7	5•
W	1.2	2.8	3.4	1.3	.3					<u> </u>	L	9.0	7.0
WNW	1.0	2.2	1.6	• 4	.1	.1			<u> </u>	<u> </u>		5.4	6.0
W	1.1	2.0	2.7	• 4					İ	<u> </u>		6.2	6.
WNM	1.1	2.8	2.8	1.9	• 1					L		8.7	7•
VARBL											I		
CALM	$\supset <$	> <	><	><	><	><	><	$\geq <$		><	$\geq \leq$	7.6	
	13.4	26,9	28.6	16.2	5.3	1.5	.3	.1				100.0	7•

TOTAL NUMBER OF GESERVATIONS

930

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### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101 HILL AFB/OGDFN UTAH 67-70,73-78 MAR

STATION STATION MANE ALL SEATHER 1500-1700

CLASS CONDITION

SPEED (KNTS) DIR,	1 - 3	4-6	7 - 10	11 - 16	17 - 2i	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	^	MEAN WIND SPEED
N	1.3	3,3	3.9	1.3	•1	•1		i			i	10.0	7.4
NNE	•3	1.3	• 5	•1								2.3	5•4
NE	.3		•1	•1								•5	5.
ENE	•3	.5		•4		• 1				<u> </u>		1.4	7.
Ε	.9	.4	1.2	.8	.4	•1	i			<del>                                     </del>	<del>                                     </del>	3.8	9•
ESE	•6	•6	,9	•2				ļ		<del></del>	T	2.4	6.
SE	.6	1.0	•4						1	1		2.0	4.
SSE	.3	.6	•9	• 3				i		1		2.2	7.
5	.6	2.5	4.1	4.8	1.2	.4	•1		<del>                                     </del>		i	13.8	11.
SSW	1.1	2.3	1.4	2.0	.5	• 3						7.6	9.
sw	.5	2,4	1.4	•9	•2	•1					1	5.5	7.
WSW	•6	1.9	2.4	•2					1		<del>                                     </del>	5.2	6.
w	1.4	3.0	3.0	•6					1		T	0.1	_ 6.
WNW	1.0	2.9	1.3	.9	.3							6.3	7.
NW	1.5	3.7	1.4	1.1	•1				<del>                                     </del>	<del>                                     </del>		7.7	6.
NNW	1.1	5.8	3.0	1.5	.5		-			<b> </b>		11.9	7.
VARSL							1	1		<del>                                     </del>			
CALM		$\geq \leq$	$\times$	$\geq$	> <	$\geq \leq$	$\geq$	$\geq$	$\geq$		$\geq$	9.4	
	12.6	32,3	25,8	15.3	3,4	1.2	•1					100.0	7.

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930

## SURFACE WINDS

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# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/UGDEN UTAH	67-70,73-78	MAR
STATION	3 MAN HOITATE	YEARS	MONTH
		ALL WEATHER	1800-2000
		CLASS	HOURS (L S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	44 - 55	≥ 56	*	MEAN WIND SPEED
N	1.7	4.3	3.7	• 8	•6	• 1	•1					11.3	7.4
NNE	• 4	8.	• 3									1.5	4.0
NE	• 2	.5	• 3									1.1	4.
ENE	• 3	• 5	, 3	• 2								1.4	6.
E	1.4	1.6	1.4	• 8	•6	•1						5.9	7.
ESE	1.5	4.5	3.2	• 4	• 1							9.8	6.
SE	1.0	1.6	• 3	• 1								3.0	4.
SSE	1.0	2.9	1.6	• 2	.1							5.8	5•
\$	1.5	3.1	3.9	4.2	1.8	. 3		l	l			14.8	10.
ssw	.6	1.9	•5	• 3	. 2							4.2	7•
sw	1.3	1.1	• 2	• 1								2.7	3.
wsw	. 8	• 6	• 4									1.8	4.
W	1.3	. 5	.4	•1					L			2.4	4.
WNW	.3	.5	- 1	• 3	• 1				Ĺ			1.4	7.
NW	1.5	1.6	• 8	• 3					1			4.2	5∙
MNM	2.6	4.1	2.4	1.4	.4	.1						11.0	6.
VARBL													
CALM	$\times$	><	><	><	><	><	$\supset <$		$\triangleright <$		><	17.7	
	17.4	30.3	19.9	9.8	4.1	. 6	.1		1			100.0	5•

TOTAL NUMBER OF OBSERVATIONS 930

### SURFACE WINDS

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## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101 HILL AFB/UGDEN UTAH 67-70,73-78 MAR

STATION STATION NAME ALL WEATHER 2100-2300

CLASS NOURS (L.E.T.)

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.4	1.7	1.8	•9								5 · 8	6.5
NNE	•6	.8	• 1									1.5	4.0
NE	•1	.5	• 5								i	1.2	6.0
ENE	•6	.4	•6	• 3	.2	• 1						2.4	8.9
E	1.1	2.3	2.0	1.0	.6	• 2						7.2	8.6
ESE	2.6	10.2	14.9	2.7	•1				Ī			30.5	7.3
SE	1.1	3.8	1.5	•1								6.5	5.3
SSE	•9	1.7	1.7	•9	. 3	. 2						5.7	8.5
S	.9	2.9	4.2	4.6	1,1	. 5					1	14.2	10.4
ssw_	• 1	.9	•4	•6		• 1						2.2	8.4
sw	. 3	.3	•1		.1							• 9	6.4
WSW		•6	• 1	• 1			L					• 9	5.9
W	• 2	.3	•2	• 3								1.1	8.1
WNW	• 1	.3	•2	• 1								•8	6.6
NW		.4	•4	•1	.1							1.1	8.2
NNW	. 8	1.7	1.0	1.2	.3	• 1	<u> </u>					5.1	8 • 4
VARBL													
CALM	$\geq$	$\times$	$\nearrow$	$\geq <$	$\times$	><	$\triangleright <$	$\geq <$	$\geq <$	$\supset <$	><	13.2	
	10.8	28,9	30.0	12.9	2.9	1.3						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

930

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/UGDEN UTAH	67-70,73-7	8	MAR
STATION	STATION HAME		YEARS	монти
		ALL WEATHER		ALL
		CLASS		HOURS (L S.T.)
	<del></del>	CONDITION		

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
И	1.1	2.3	2.4	• 8	. 2	• 0	•0					6.9	7.8
NNE	.3	.7	• 3	• 1								1.3	5 • 6
NE	• 2	•2	•2	۰٥								.7	5 • 3
ENE	• 2	.3	•2	•2	•1	•0						1.1	8.4
E	• 8	1.4	1.9	1.8	.7	• 2	•1	.0				7.0	10.
ESE	1.5	5.1	10.9	7.3	.3	•0	•0					25.2	9.0
SE	• 9	1.9	•9	• 2	•0							4.0	5.0
SSE	• 6	1.4	1.4	•6	• 2	• 1						4.2	7•
\$	• 9	2.4	4.3	4.8	1.9	,5	•1					15.0	11.
ssw	• 6	1.5	1.2	1.0	.2	•1						4.6	8 • 4
SW	• 5	1.0	• 5	• 3	•0	•0						2.4	6.4
wsw	• 4	• 7	•6	•1	•0							1.9	6.
w	.7	1.1	1.2	• 5	•0	•0						3.5	6.
WNW	• 4	1.0	•6	•3	• 1	•0						2.3	6.1
NW	• 6	1.4	• 9	• 4	•1							3.3	6.1
NNW	•9	2.6	2,0	1.1	•2	•1					1	6.9	7.
VARBL										T			
CALM	><	$\times$	$\searrow$	$\times$	> <	> <	$\times$	$\mathbb{X}$	$\times$	> <		9.7	
	10.7	25.2	. 29.4	19.5	4.1	1.2	•2	.0				100.0	7•

TOTAL NUMBER OF OBSERVATIONS 7440

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/DGDEN UTAH	67-70,73	3 <b>-</b> 78	APR
STATION	STATION NAME		YEARS	NONTH
		ALL WEATHER		0000-0200
		CLASS		HOURS (5.8 T.)
		AAVANTIAN		

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.9	1.7	1.2	• 8	• 1	•1						4.8	7.:
NNE	• 6	.3		• 1								1.0	4.
NE	. L	.4		• 1								.7	6.
ENE	• 2	•6	• 4	• 1	• 1			]				1.4	7.
E	. 8	1.2	2.7	2.2	• 1							7.0	9•
ESE	2.1	7.7	18.1	9.3	.1							37.3	8.
SE	. 6	2.7	2.3	• 1								5.9	6.
SSE	.3	1.9	2.0	•7								4.9	7.
5	.3	2.6	2,7	3.0	.4							9.6	9•
ssw	.2	.9	, 4	•3	• 1							2.0	7•
sw	.3	.4	• 4	•1	•1							1.4	7.
wsw	.4	.4	• 3									1.2	4.
w	. 3	.3	1.0	•7	. 3							2.7	9.
WNW	• 2	.3	• 2	• 1								.9	6.
NW	1.1	1.2	• 9	• 3								3.6	5.
WNN	1.1	1.0	1.3	•7	.1							4.2	7.
VARBL													
CALM	><	> <	> <	> <	> <	><	> <	$\supset \subset$	$\supset \subset$	$\supset \subset$	> <	11.4	
	9.9	23.7	34.1	19.2	1.6	. 1		3				100.0	7.

TOTAL NUMBER OF OBSERVATIONS 900

#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/GGDFN UTAH	67-70,73-78	APR
STATION	STATION NAME	YEARS	нтиом
		ALL WEATHER	0300-0500
		CLASS	HOURS (L S T )
	<del></del>	CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.8	1.2	•1								4.2	5.7
NNE	.3	•2										•6	2.8
NE	•6	• 3		+1								1.0	3.8
ENE	,5	•2	•4	•3	.2							1.8	8 • 2
Ε	.7	1.4	2.8	3.7	• 7	•1						9.3	10.6
ESE	.7	4.8	15.0	14.1	.1	• 2						34.9	9.8
SE	1.1	2.7	1.2	•4								5.4	5.8
SSE	•4	1.8	1.4	•6	.1	• 1						4.4	7.8
S	.6	3.6	4.7	2,4	.3	• 3		i T				11.9	9.1
ssw	.6	1.4	• 4	•1	.1	•1						2 • 8	6.6
SW	•1	•6			• 2							•9	8.4
wsw	.3	•2	•1	•1								•8	5.6
w	•2	• 2	•7	• 7	•1							1.9	10.0
WNW	• 2	.7	• 4	•1								1.4	6.4
NW	.9	1.0	•7	• 2							!	2.8	5.6
NNW	1.0	1.3	1.8	•8	.1							5.0	7.3
VARBL										1	<del>                                     </del>		
CALM	><	$\ge$	$\times$	$\times$	$\times$	$\geq$	$\geq \leq$	$\geq$	$\geq$	$\geq$	$\geq$	10.9	
	9.3	22.2	30.9	23.8	2.0	.9						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 900

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### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/OGDEN UTAH	67-70,73-78		APR
KOITATE	STATION NAME		YEARS	MONTH
		ALL WEATHER		0600-0800
		CLASS	· · · · · · · · · · · · · · · · · · ·	HOURS (L.S T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
И	•8	2.1	1.1	•9								4.9	6.8
NNE	•2	•6	•2									1.0	4.8
NE	.8	•2										1.0	2.7
ENE	•6	.3	•6	•1	• 1		•1					1.8	8 • 4
E	•1	1.1	2.6	4.9	• 9	.7	•1					10.3	12.4
ESE	1.1	4.8	13.3	13.2	1.2							33.7	10.2
SE	1.4	2.2	1.7	• 6								5.9	6.1
SSE	•1	1.7	1.3	• 9	•1							4.1	8.0
s	•7	2.7	3.7	3.9	.4	٠2.						11.6	9.6
ssw	•2	•6	1.0	•2	.4	• 1		-				2.6	10.1
sw	•3		• 2					· · ·				•6	4.8
wsw	•1	, 3	•3	•7								1.4	9.5
w	•4	.8	•8	•7	•1							2.8	8.6
WNW	•4	.4	•6	• 2					1			1.7	6.3
NW	•4	.9	•8	•1								2.2	6.6
NNW	•8	2.1	1.2	1.1	•1		•1					5.4	7.9
VARBL													
CALM	><	$\geq <$	$\times$	$\times$	$\times$	> <	> <	$\geq$	$\geq$		$\supset <$	9.1	
	8.6	20.8	29.3	27.4	3.4	1.0	.3					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 900

#### SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/OGDEN UTAH	67-70,73-78	APR
STATION	STATION NAME	YEARS	MONTH
		ALL WFATHER	0900-1100
		CLASS	HOURS (L S.T.)
		CONDITION	<del></del>

SPEED (KNTS) DIR,	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.2	2.2	1.3								7.1	7.1
NNE	.1	.9	•1									1.1	4.9
NE	.6	.3										•9	3.3
ENE	• 2	.4	• 2	•1	•1	• 1	•1					1.3	10.6
E	.9	2,3	2.7	3,6	1.1	• 3	• 1	.2				11.2	11.2
ESE	• 7	3.3	5.2	3.3	.3							12.9	8∙8
SE	. 9	1.2	1.2	•6								3.9	6.6
SSE	. 8	1.3	1.7	• 8	.4	• 1						5.1	8.7
S	1.2	2.3	5.2	5.6	2.8	. 4		<u> </u>	<u> </u>	<u> </u>		17.5	11.4
ssw	1.7	1.8	2.2	1.0	.4	• 1						7.2	7.B
sw	• 7	.6	•9	•7	•1					<u> </u>		2.9	7.5
wsw	.1	.7	1.6	•6								2.9	8.5
w	1.1	• 9	2.0	• 8	.1				<u> </u>			4.9	7.3
WNW	.6	1.2	• 4	•1						<u> </u>		2.3	5.2
NW	.4	1.6	1.0	•6	. 1				<u> </u>		<u> </u>	3.7	7.1
NNW	1.0	1,8	1.4	2.0	.3				<u> </u>			6.6	8.7
VARBL									<u></u>				
CALM	$\geq \leq$	$\geq \leq$	$>\!\!<$	$\geq \leq$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$			$\geq \leq$	8.3	
	12.2	22.9	28 • 1	20.9	5.9	1.1	• 2	,2				100.0	8 • 2

TOTAL NUMBER OF OBSERVATIONS

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#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101 STATION HILL AFB/DGDEN UTAH 67-70,73-78 APR 1200-1400 ALL WEATHER SPEED (KNTS) DIR. MEAN WIND SPEED 17 - 21 1 - 3 7 - 10 ≥ 56 7.9 2.6 ٠Ó NNE 3.8 NE 8.6 •6 7.7 1.8 ENE •6 ε 1.3 ESE 7.4 .6 SE 1.1 ٠Ú 9.7 3.6 1.0 1.0 1.0 s 3.0 55W . 8 2.9 3.0 1.6 1.0 1.0 9.1 3.8  $\frac{1.3}{1.9}$ SW 1.6 WSW 10.1 3.2 2.9 1.8 w .9 WNW 6.6 NW .9 3.3 2.0 6.8 6.5 16 7.6 NNW 8.4 VARBL 100.0

TOTAL NUMBER OF OBSERVATIONS

900

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/OGDEN UTAH	67-70,73-78	APR
ROITATE	STATION HAME	YEARS	нтиом
		ALL WEATHER	1500-1700
		CLASS	HOJRS (L S T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.2	2.8	2.6	1.2	•1							7.9	6.
NNE	• 6	.9	• 8	• 1								2.3	5•
NE	• 3	1.0	• 2		.1							1.7	5.
ENE	• 1	•2	•2	• 2	.2							1.0	10.
ξ	• 3	1.0	1.0	• 2	.2				[			2.8	7.
ESE	•7	.6	• 3	• 2	• 1							1.9	6.
SE	• 4	. 8	• 4	• 1	.1		• 1					2.0	7.
SSE	• 3	1.1	•7	1.1	.3	• 1						3.7	9.
\$	• 8	3.3	3.6	2.7	2.7	• 3						13.3	10.
ssw	1.0	2.8	2.0	1.2	.2	3			L			7.6	8.
sw	1.1	3.0	2.3	• 8	.3	•1						7.7	7.
wsw	1.2	2.0	1.0	• 8	,1	2	L					5.3	7.
W	1.7	4,9	4.6	2.0	,4							13.6	7.
WNW	1.1	2.9	1.9	•6	.2							6.7	6.
NW	1.3	2.4	2.3	• 8	.1							7.0	6.
WNW	1.1	1.8	3.3	1.4								7.7	8.
VARBL													
CALM	><	><	><	><	><	> <	><	><		$\supset <$	> <	8.0	
	13.3	31.4	27.2	13.4	5,3	1,1	•1					100.0	7•

TOTAL NUMBER OF OBSERVATIONS 900

CENTRAL SHORT SHOULD ASSUME ON THE

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

APR
STATION HILL AFB/OGDEN UTAH
STATION MANE
ALL WEATHER
COMDITION

COMMITTOR

COMMITTOR

COMMITTOR

APR

APR

1800-2000

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	4.3	3.1	•7	•1							11.1	5.9
NNE	•6	1.1	•7	•1	.1							2.6	6.3
NE	•2	• 8	•1	•1	. 1					i		1.3	6.3
ENE	.8	.3	•3	•1	.2					i		1.8	6.6
E	1.6	1.9	1.2	•6						<del></del>	i	5.2	5.8
ESE	2.1	3.4	1.8	•6						i	i	7.9	5.5
SE	2.3	3.0	•9	• 2		•1						6.6	4.9
SSE	1.0	3.0	1.5	•7	.4	•1	•1	<del></del>				6.9	7.6
S	1.4	4.0	3.9	2.0	.6					i		12.4	8.0
ssw	1.0	1.7	.9	•7	.2					i		4.4	7.2
sw	1.1	.8	•2	•2	•1				<u> </u>	1		2.4	5.3
wsw	•9	1.1	•3	•3	.2					<del> </del>		2.9	6.5
w	•6	1.2	•9	•6	•1							3.3	7.0
WNW	.7	.7	•4	•1	-1					<del></del>		2.0	6.0
NW	• 3	1.1	•6	•3	.1				·			2.4	7.2
NNW	1.4	2.2	1.8	1.1	.4	• 2	•1		i	i		7.3	8.3
VARBL				<u></u>						l			
CALM	><	$\geq \leq$	> <	$\geq \leq$	$\geq \leq$	>>	$\times$	$\geq$		$\geq$	>>	19.3	
	18.9	30,7	18.7	8.9	2.9	• 4	•2					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 900

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101 HILL AFS/DGDEN UTAH 67-70,73-78

STATION HAME STATION HAME ALL WEATHER 2100-2300
CLASS HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.1	1.1	• 2	.2							4.7	6.
NNE	•6	.3	•3									1.2	4.
NE		.1	• 3	• 2								•7	9.
ENE	• 9	.3	• 3	• 1	•1					1		1.8	5•
E	1.4	3.1	3.1	1.3	.1							9.1	6.
ESE	2.1	10.7	14.9	2.3	. 1							30.1	7.
SE	1.6	3.0	1.3	•4								6.3	5 •
SSE	• 9	3.9	1.8	• 8								7.3	6 •
S	•9	2.9	4.2	2.1	. 2							10.3	8
SSW	• 4	.4	• 9	•6								2.3	7
sw	• 1	. 4	• 2	• 3								1.1	7
wsw	• 1	. 3	• 1	•1	• 1							•8	8
w	• 6	- 6	•6	•4								2.1	6
WNW	.4	. 4	• 3									1.2	4
NW.	• 2	1.2	• 8	•1					•			2.3	6
NHW_	.8	2,0	),1	1.3	. 3							5.6	7.
VARBL													
CALM	><	><	><	$\times$	$>\!\!<$	> <	> <	> <	><	><	><	13.0	
	12.0	31,9	31.4	10.4	1.2				3			100.0	6

TOTAL NUMBER OF OBSERVATIONS

900

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/OGDEN UTAH	67-70,73-78	APR
STATION	STATION HAME	YEARS	HTHOM
		ALL WEATHER	ALL
		CLASS	HOURS (L S T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.2	2.4	1.9	• छ	•1	• 0						6.5	6.7
NNE	•4	• 6	•3	•0	•0							1.3	5.1
NE	• 3	• 5	•1	•1	•0	• 0						1.0	5.6
ENE	• 5	.4	• 4	• 2	• 2	.0	•0					1.6	8.0
E	• ઇ	1.6	2.2	2.1	.4	• 2	•0	•0				7.3	9.6
ESE	1.3	4.5	8.6	5,4	.3	• 0						20.1	8.7
SE	1.1	2.1	1.2	• 3	•0	•0	•0					4.8	5.9
SSE	•5	2.0	1.4	•8	•2	•1	•0			<u> </u>		5.0	7.9
S	.8	3.0	3.9	3.3	1.3	• 3					<u> </u>	12.7	10.0
SSW	•7	1.6	1.4	•7	• 3	.1				<u> </u>	<u> </u>	4.8	8.2
sw	•6	1.2	•9	•4	•2	•0						3.3	7.3
wsw	• 4	. 8	•7	•6	.1	•0				L	L	2.7	7.8
w	•8	1.5	1.7	•9	•2							5.2	7.7
WNW	•6	1.2	•8	• 2	•0						ļ	2.8	6.3
NW	.7	1.6	1.1	•4	•0							3.8	6.5
NNW	1.1	1.7	1.9	1.3	.2	.0	•0					6.2	8.0
VARBL					Ĺ					Ļ	L		
CALM	$\geq \leq$	$\geq \leq$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	10.9	
	11.9	26,6	28.5	17.5	3.6	. 8	•1	.0				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 7199

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### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL ATB/OGDEN UTAH	57 <b>-70,73-78</b>	MAY
STATION	STATION HAME	YEARS	MONTH
		ALL WEATHER	00050-0500
		CLASS	HOURS (L S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 36	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•6	3.0	1.9	• 5								6.1	6.6
NNE	•4	.8	•5									1.7	5.4
NE	•5	•2	•3	• 2				T				1.3	6.6
ENE	•5	.6	1.1	• 2								2.5	6.8
Ε	• 5	1.3	3.8	3.3	.4	• 5						9.9	10.7
ESE	•6	8.3	25.5	11.6	.2							46.2	9.1
SE	1.1	3.7	1.7	•2					i			6.7	5.7
SSE	•6	1.6	1.07	•2								4.2	6.4
\$	•3	1.0	3.1	2.2	.5							7.1	9.9
ssw		.3	8.	• 2								1.3	8.3
SW	• 3	•6	• 2									1.2	4.9
wsw	• 1	• 2	•1	• 2								•6	8 • 5
W	• 1	. 3	• 1	- 1	. 1							-8	8.4
WNW	• 1	. 2	• 3	• 1	. 1						-	.9	8 • 4
NW	• 2	.4	• 8									1.4	6.2
мии	-8	1.3	•6	• 3								3.0	5.6
VARBL													
CALM		><	><	><	><	><	><		$\supset <$			5.2	
	7.0	23,9	42.6	19.5	1.4	5						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HILL AFB/OGDEN UTAH	67~70,73-78	МАЧ
STATION NAME	YEARS	KTHOM
	ALL WEATHER	0300-0500
	CLASS	HOURS (L S T.)
<del>-</del>	COMDITION	
		STATION HANKE YEARS  ALL WEATHER  CLASS

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
И	1.3	.8	1.2	•4						i		3.7	6.
NNE	• 4	•4	•1									1.0	4.
NE	•2	•2	•2	•1								. 8	5.
ENE	•1		• 5	•6				1				1.3	9•
E	•9	1.7	2 • 4	2.7	•6	•1	• 2					8.6	10•
ESE	1.4	5.8	20.4	22.4	1.1							51.1	10.
32	-8	2.9	1.2	• 5								5.4	6.
SSE	•4	2.4	1.2	_ •1								4.1	5.
5	• 1	1.9	3.3	2.0	.3	• 1				!		7.8	9.
ssw	• 5	8	•9	•1								2.3	5 (
sw		.1	-2	•1								.4	9.
wsw	•4	-1	• 2	1	. 2			Ĺ	i	i		1.1	8.
w	•2	.4	• 2						I			• 9	5 0
WNW	•1	,3		• 1								• 5	_6.
NW	•2	, 5	• 3									1.1	5
MMM	• 3	1.2	1.4	• 2				i			i	3.1	7.
VARBL													
CALM	><	><	> <	$\times$	$\times$	><		$\supset <$	$\supset <$	$\supset <$		7.0	
	7.4	19.6	33.8	29.6	2.3	• 2	• 2		[			100.0	8

TOTAL NUMBER OF OBSERVATIONS

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#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101 STATION	HILL AFB/DGDEN UTAH	67-70,73-78	YAM
STATION	STATION NAME	YEARS	нонти
		ALL WEATHER	0600-0800
		CLASS .	HOUPS (L S.T.)
	<del> </del>	CONDITION	<del></del>

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	×	ME \N WILTO SPEED
N	1.2	1.8	1.7	1.1								5.8	6.9
NNE	• 6	.3	•1									1.2	3.5
ΝE	• 5	•2	• 2	• 2								1.2	5.9
ENE	•3	•4	•2	•2			•1			i		1.3	8.3
E	• 5	2.8	2.5	4.1	1.7	• 3			<del> </del>	<del></del>		11.9	10.9
ESE	1.7	5.4	19.9	21.4	1.2							49.6	10.3
SE	.9	1.3	1.1	• 9						İ		4.1	6.9
SSE	• 4	1.6	1.7	• 3						<u> </u>		4.1	6.7
S	• 3	1.8	3.7	2.3	.2	• 1						8.4	9.1
SSW	•1	•5	• 5	• 2								1.4	7.5
sw	• 3,	.1	•1	. 3								•8	6.9
WSW	•1	. 3		• 3								.8	8.6
w	•2	.4	•4	• 3								1.4	7.5
WNW	•1	. 3								·		.4	4.0
NW	•1	.6	• 3									1.1	6.4
NNW	• 5	.8	1.0	•4								2.7	7.3
VARBL	1											1	/ <sub>-</sub>
CALM	><	> <	$\times$	$\times$	$\times$		> <	$\geq$	$\geq$	$\times$	>	3.9	
	8.2	18.8	33.5	32.0	3,1	. 4	•1					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC  $\frac{\text{FORM}}{\text{JUL 64}}$  0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

24101

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HILL AFB/OGUEN UTAH

#### SURFACE WINDS

MAY

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

67-70,73-78

			· · · · · · · · · · · · · · · · · · ·			ATHER LASS				_			)=1100 (()
	~			<del>,</del>		· · · · · · · · · · · · · · · · · · ·		<del></del>	<del></del>	<u>.</u>			
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	×	MEAN WIND SPEED
N	1.3	3.0	2.4	•4	.1							7.2	6.2
NNE	1.0	1,1	6.3									2.4	4.5
NE	.9	.4	• 2	•1				1				1.6	4.3
ENE	.4	.5	• 8	• 2	.1	• 1						2.2	8.3
E	1.9	2.7	2.8	3.0	.9	• 2						11.5	9.0
ESE	1.0	2.9	5.8	1.7	. 1							12.2	7.5
SE	. 5	1.7	, 5						1			2.8	5.3
3SE	•6	. 8	1.2	• 4								3.0	7.1
\$	1.1	3.3	4.3	4.9	1.4	. 4						15.5	10.2
ssw	• 3	3.0	2.4	• 5	.3	• 1						6.7	7.6
sw	1.0	1.7	1.8	•9	•1					<u> </u>		5.5	7.1
wsw	• 3	. 8	1.0	•4								2.5	7.3
w	1.3	1.2	1.0	•6	•1							4.2	6.4
WNW	. 3	1.8	• 6	• 3								3.1	6.2
NW	•4	1.8	1.3									3.5	6.0
NNW	•6	2.3	1.4	•9								5.2	7.3

TOTAL NUMBER OF OBSERVATIONS 93.

100.0

24101 HILL AFB/UCDEN UTAH

#### SURFACE WINDS

MAY

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SFEED (FROM HOURLY OBSERVATIONS)

67-70,73-78

	_	·			ALL WE	EATHER							)=1400 • (L.#.T.)
	_	· · · · · · · · · · · · · · · · · · ·	<del></del>		сон	DITION	<del></del>		<del></del> -	<del></del>			
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 • 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.8	3.5	2.6	1.5								8.4	7.0
NNE	• 4	.4	•2	•1								1.2	4.9
NS.	8.	.6	• 3									1.7	4.4
ENE	• 3	. 8	•2	• 5	.1							1.9	8.0
E	• 2	, 4	1.2	• 4								2.3	8.4
ESE	• 1	.3	• 4	• 3								1.2	8.3
SE	• 2	.4	• 1									•8	4.7
SSE	• 5	.3	• 3	• 3	•1							1.6	7.5
S	•9	2.6	4.0	3.0	• 9	• 3						11.6	9.6
ssw	1.1	2.8	2.9	1.5	• 5	• 1						8.9	8.3
sw	1.6	4.5	2 • 4	1.0	.6							10.1	7.0
wsw	1.1	1.6	3.0	• 8	,1							6.6	7.5
w	2.0	5.1	5.1	1.1	• 1							13.3	6.6
WNW	1.8	4.1	3.0	• 8	.2							9.9	6.4
NW	1.4	2.7	2.6	•6	,1							7.4	6.4
NNW	.4	2.4	3.5	• 8	.1							7.2	7.6
VARBL													
	<u> </u>	$\overline{}$		~				$\overline{}$				E (3)	

TOTAL NUMBER OF OBSERVATIONS

930

100.0

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101 HILL AFB/URDEN UTAH 67-70,73-78 MAY

STATION STATION HANE ALL WEATHER 1500-1700

CLASS HOURS (LS.T.)

SPEED (KNTS) DIR.	1 - 3	4 • 6	7 - 10	11 - 16	17 - 21	22 · 27	26 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.3	3.1	3.0	1.4	.4					1		10.2	7.
NNE	•2	.9	• 4	•1						1		1.6	6.
NE	• ಚ	• 3	• 2	•3								1.6	5.
ENE	• 1	-1	• 2	•2								•6	8.0
ξ	• 4	• 3	1.4	• 5						· · · · · ·		2.7	8.0
ESE	• 2	• 4	•4	•3	.1					<u> </u>		1.5	8.
SE	• 3	.6	•4	•1								1.5	5 +
SSE		• 6	•6	•2	.1		•1					1.7	9.
5	• 2	1.7	2.9	1.2	.9	• 2						7.1	10.
ssw	•6	1.8	2.5	1.5	• 4	• 1						7.0	9•
sw	.5	1.7	2.4	• 2	.4	• 1						5.2	8 •
wsw	• 8	2.7	2.5	•8		1						6.8	7.
w	2.4	5.0	4.4	1.4		• 1						13.2	6.
WNW	1.6	4.5	2.7	• 5								9.4	6.
NW	2.2	3.4	3.2	• 4	_ •1							9.4	5.
NNW	1.4	4.5	3.1	1.4	.3	• 1						10.9	7.
VARBL								1	1	T			
CALM	><	> <	> <	> <	><	$\times$	$\boxtimes$	$\supset$	$\supset <$	$\supset <$		9.6	
	14.0	31.9	30.2	10.7	2.8	. 8	•1					100.0	6.

TOTAL NUMBER OF OBSERVATIONS

929

#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED: (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/OGDFN UTAH	67-70,73-78	MAY
STATION	STATION MAME	YEARS	монти
		ALL WEATHER	1800-2000
		CLASS	HOURS (L S T.)
		CONDITION	

SPEED (KNTS) DIR.	1 . 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
И	2.9	4.8	3.1	1.9	•4	• 1						13.3	7.1
NNE	1.1	1.0	• 8	•2					<u> </u>			3.0	5.4
NE	•5	1.2	•5	• 1						1	i	2.4	5.7
ENE	• 5		• 3	• 2					1	1		1.1	5.9
E	-8	1.6	•6	•5	• 2							3.8	6.8
ESE	8•	3.2	1.4	• છે								6.1	6.4
SE	1.0	1.5	•6	•1	• 1				T	<u> </u>		3.3	5.3
SSE	1.2	1.9	1.1	•1		•2	•1		<u> </u>			4.6	6.9
S	1.1	2.8	3.4	1.8	•2	•1	•1			i		9.6	8.4
ssw	•5	1.8	1.3	• 5	• 3	•1						4.6	7.5
sw	1.1	1.2	•6	• 3	•1	•1						3.4	6.5
wsw	1.6	1.2	•3	• 3	.1					1		3.5	5.2
w	1.4	1.8	1.5	•4		•1					l	5.3	6.4
WNW	• 8	1.4	•2	• 2		. 1						2.7	5 . 8
NW	1.6	1.1	1.7	• 2		• 3					T	4.9	6.7
WNN	2.0	4.8	2.2	1.0	.8	• 3	•2				,	11.3	7.7
VARBL											1		
CALM	><	> <	$\times$	>>	> <	$\geq <$	> <	$\geq$	$\geq$	$\geq$		17.0	
	18.8	31.4	19.8	8.8	2,3	1.5	• 4					100.0	5•

TOTAL NUMBER OF OBSERVATIONS 930

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### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/O	IGDEN U	TAH		67-70,73-78							MAY
STATION		STATIO	M MAME						TEARS			MONTH
					ALL 1	NEATHER					210	0-2300
	-					CLASS					HOU	RS (L.S.T.)
	_											
						CONDITION						
	-											
·		<del>,</del>	,	, <u> </u>		<del></del>		<del>,</del>		 ,	1	<del></del>

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
И	6.6	2.2	1.6	•6	.2							5.4	7.3
NNE	•9	1.2	• 2									2.3	4.3
NE	•4	. 5	1.2									2.2	6.3
ENE	•5	.4	• 6	• 3		• 1						2.0	7.5
E	1.5	2.8	3.2	1.9	.6	• 1						10.2	8.3
ESE	2.4	12.2	18.1	2.6								35.2	7.2
SE	1.3	2.7	1.9	•1								6.0	5.5
SSE	• 5	2.0	1.5	• 2								4.3	6.2
\$	• 4	1.9	3.5	1.2	.5	. 2		<u> </u>				7.8	9,4
ssw	• 2	. 3	• 3	• ]		• 1		i				1.1	8.2
sw	• 1	. 3	•1	• 2								•8	7.7
wsw			• 3	• 2								.5	10.4
w		. 8	• 1		• 2							1.1	8.0
WNW	.3	, 5	• 2	• 3								1.4	7.0
NW	•5	1.0	• 9	• 2	.1							2.7	6.5
NNW	• 9	2.4	1.4	• 5	. 4	• 1						5.7	7.9
VARBL													
CALM	$\geq \leq$	$\times$	><	><	$\geq \leq$	$\times$	$\geq \leq$	$\geq \leq$		$\geq \leq$	><	11.4	
	10.8	31.2	35.3	8.6	2.2	. 6						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

#### SURFACE WINDS

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# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL	AF8/U	DEN UT	TAH	67-70,73-78								YAM		
STATION			STATION	HAME						YEARS		MONTH			
						ALL W	FLTHER							ALL	
						c	LASS						Kont	ts (L.S.T.)	
						CON	DITION								
						<del></del> -	<del></del>		<del></del>		<del>_</del>				
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED	
	<del></del>			2 2			<del></del>			<del></del>				4 0	

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
И	1.4	2.8	2.2	1.0	•1	.0						7.5	6.9
NNE	• 6	• 8	• 3	•1								1.8	4.9
NE	• 6	.5	• 4	٠١								1.6	5.5
ENE	• 4	• 4	•5	• 3	•0	•0	•0			]		1.6	7.7
Ę	• 8	1.7	2.2	2.1	•6	_ 2	•0					7.6	9.6
ESE	1.1	4.8	11.5	7.6	• 3							25.4	9.2
SE	8.	1.9	1.0	•2	•0							3.8	5.8
SSE	• 6	1.4	1.2	• 2	•0	•0	•0				1	3.5	6.8
S	6	2.1	3.5	2.3	•6	. 2	•0					9.4	9.5
ssw	•4	1.4	1.4	•6	•2	• 1			i	i		4.2	8.0
sw	•6	1.3	1.0	.4	.2	.0				T		3.4	7.1
wsw	•6	.9	•9	•4	•1	.0				<u> </u>		2.8	7.1
w	1.0	1.9	1.6	•5	.1	•0						5.0	6.6
WNW	•6	1.7	•9	• 3	•0	•0				i		3.5	6.2
NW	• 8	1.5	1.4	•2	•0	- 0						3.9	6.2
WWM	.9	2.4	1.8	•7	•2	• 1	•0			i		6.1	7.4
VARBL													
CALM	$\times$	$\times$	$\times$	$\geq <$	$\times$	$\times$	$\times$	$\geq$	$\times$	$\times$		8.9	
	11.7	27.3	31.8	17.0	2.5	.7	• 1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 7438

USAFETAC  $\frac{\text{form}}{\text{JUL-64}}$  0-8-5 (OL-A) previous editions of this form are obsolete

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### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL	AFB/0	IGDEN U	TAH				JUN						
MOITATE			STATIC	N HAME	~					YEARS				мтиом
		_					FATHER							0-0200
							LASS						NOU	JRS (L S.T.)
		_												
						coi	HOITION							
		_												
		_												
-														
	SPEED	1.3	4-4	7 10	11.14	17 21	22 27	29 22	24 40	41 47	40 55	>4		MEAN

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
И	,7	2.7	• 4	• 4								4.2	5.
NNE	• 9	.2	• 4	•1								1.7	4.
NE	• 2	•2		• 1				Ĭ				•6	6.
ENE	•6		•9	•4								1.9	7.
E	1.4	1.4	4 • 8	2.4	.1							10.2	8.
ESE	1.9	7.8	25.4	18.1	.1	• 1						53.4	9.
SE	1.2	3.7	2.0	• 4								7.3	5.
SSE	• 2	1.2	1.0									2.4	6.
S	•6	1.7	2.3	1.3	.1							6.0	8 •
SSW	• 3	.4	• 4									1.2	5.
sw	. 1	-1										•2	4.
wsw	•1	.3										.4	
w		. 2										•2	6.
WNW	• 2	.3	•1									,7	4.
NW	.9	.4		•1								1.4	3.
NNW	• 2	.4	• 9	.3								1.9	8.
VARBL							-						
CALM	><	$\geq <$	><	><	><	><	><	><	><	><	><	6.1	
	9,6	21.2	38.8	23.9	. 3	1						100.0	7.

TOTAL NUMBER OF OBSERVATIONS 900

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/UGDEN UTAH	67-70,73-	78	JUN
STATION	STATION NAME	<del></del>	YEARS	MONTH
		ALL WEATHER		0300-0500
		CLASS		HOURS (L S T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.7	•6	• 4	¢1							1	1.8	5.4
NNE	•7	• 2										•9	3.0
NE	• 3	• 1	• 1									•6	3.8
ENE	• 4	•4	• 2	• 2								1.3	5.4
Ę	. 9	.7	2.7	4.9	.4							9.6	10.6
ESE	1.4	7.6	24.7	27.3	1.4							62.4	10.3
SE	.7	3.1	2.0	,3						i		6.1	6.2
SSE	• 3	1.2	•9	• 1			T					2.6	6.1
S	• 2	.9	3.0	• 9								5.0	8.8
SSW	:1	• 7	• 4	• 1				i				1.3	6.0
sw	• 2	• 1		• 1								• 4	6.0
wsw	• 2	• 2	•2									.7	4.8
w	• 1	.3	• 2						1			.7	5.3
WNW	• 2	.1										•3	2.7
NW	• 2	• 1	• 3									.7	5 • 2
NNW	• 3	.4	• 4	• 2								1.4	6.8
VARBL										1			
CALM	><	$\times$	$\times$	><	><	$\times$		$\boxtimes$				4.2	
	7.1	16.8	35.7	34,3	1,9							100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 400

1

Citrada and Catalogue 1975

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•6	1.6	1.1									3.2	5.7
NNE	• 1	• 2	• 1									.4	5.0
NE	• 2		•1									•3	4.0
ENE	•1	.3		• 3								.8	8.6
E	1.0	2.4	4.1	5.7	.7			1				13.9	9.9
ESE	•7	6.2	20.7	28.2	2.4							58.2	10.5
SÈ	1.2	1.3	1.0	•6								4.1	6.6
SSE	•4	•6	1.3	• 4								2.8	7.4
S	•6!	•6	2.9	1.2	•1							5.3	8.5
ssw	•2	.6	• 3									1.1	5.6
sw		.3					1	T				.3	5.3
wsw			•3	•1				i — —				•4	9.8
w	•2	.7	•6	•1	•1				<u> </u>	T		1.7	7.3
WNW	•1	•1								1		•2	4.0
NW	•4	.4					†					•9	3.5
NNW	• 2	•6	•7									1.4	6.0
VARBL									<del>                                     </del>	i		!	
CALM	><	$\geq <$	$\times$	$\times$	><	$\times$	$\boxtimes$	$\geq$	$\supset$	$\supset$	>	4.8	
	6.1	15,9	33.2	36.7	3,3							100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

900

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/UGDEN UTAH	67-70,73-78	JUN
STATION	STATION NAME	YEARS	HOHTH
		ALL WEATHER	0900-1100
		CLASS	HOURS (L S T.)
		COMPILION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.2	2.4	1.0	• 3					1			5.0	5.4
NNE	•7	•6	•1	•1								1.4	4.5
NE	1.6	.7	•1									2.3	3.6
ENE	• d	1.2	• 4	•2								2.7	5.1
ε	. 8	3,3	6,6	3.0								14.1	8.6
ESE	1.7	5.8	10.3	4.0	.1							21.9	8 • 1
SE	• 7	- 8	• 4		.1							2.0	5.4
SSE	• 4	.9		• 9	•2	. 1						3.6	9.2
S	. 8	2.8	5.1	4.1	•6	• 2						13.6	9.6
ssw	1.4	2.2	1.8	• 25					<u> </u>			6.2	6.0
sw	1.4	2.0	1.3	• 3								5.1	5.7
wsw	• 4	.7	• 7									1.8	5.4
w	• 9	1,9	1	• 1								4.0	5.8
WNW	. 3	1.1	• 6	• 2					L			2.2	6.5
NW	•6	1.4	• 6	• 3			l					2.9	6.3
WNN	. 8	. 9	1.4	•4			l				1	3.6	6.9
YARBL													
CALA	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\sim$	$\geq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	7.7	
	14.4	28.7	32.6	14.9	1.4	3						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

900

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

101	HILL	. AFB/U					67.	-70,73						IUN
TATION			STATION	NAME					,	TEARS				HTHOI
		_				ALL WE								1-1400
						CL	A16						NOVE	6 (L S.T.)
						CON	DITION				<del></del>			
							·				<u>_</u>			
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	1.9	3.7	2.2	•6						·		8.3	5.6
	NNE	1.0	2.1	• 3				·					3.4	4.3
	NE	•6	.6	•3									1.4	4.5
	ENE	1.7	.3	•1							1	· · · · · ·	2.1	3.1
	Ε	.7	1.6	•6	•7	• 2			<del>          _   _   _</del>		T		3.7	7.2
	ESE	•3	1.1	•1									1.6	4.5
	SE	.9	.9	•3	•1					<u> </u>	† <del></del>		2.2	4.9
	SSE	.2	1.0	1.6	8•	.1	•1				T		3.8	8.7
	s	.7	4.7	3.8	3.3	1.4	• ?	i		1			14.1	9.6
	ssw	1.0	2.8	3.6	1.0	•2						i	8.6	7.5
	sw	1.6	3.0	2.1	•8				1				7.4	6.4
	WSW	.9	2.6	2.4	•2						<u> </u>		6.1	6.3
	W	.9	4.7	4,9	1.1		• 1			i			11.7	7.0
	WNW	.7	2.8	2.8	• 2	.2				1			6.7	7.0
	NW	1.1	2.8	1.1	• 3					1	1		5.3	5.6
	NNW	1.3	2.8	2.0	•4	.1				Γ	<u> </u>	1	6.7	6.4
	VARBL										†			
											$\overline{}$		6.9	

TOTAL NUMBER OF OBSERVATIONS 900

398 398

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/OGDEN UTAH	67-70,73-78	JUN_
STA (NOM	STATION RAME	YEARS	MONIN
		ALL WEATHER	1500-1700
	<del> </del>	CLASS	HOURS (L.S T.)
	<del></del>		
		KONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.3	6.0	4.1	•1			l					12.6	5.7
NNE	1.0	2.2	•3									3.6	4.3
NE	1.3	.9	•1	•1				1				2.4	3.6
ENE	• 6	•4	•2				<u> </u>					1:2	4.3
ε	8.	1.2	• 4	• 4	4					T		3.3	7.8
ESE	1.0	• 8	• 9		1							2.8	5.6
SE	• 3	1.0	•6							;		1.9	5.6
SSE	• 1	.3	1.2	•4	•1							2.2	9.0
S	.7	2.7	2.6	1.4	• 3							7.7	8 • 4
ssw	1.1	2.0	2.0	1.4			i	i		i		6.6	7.4
_ sw	• 9	2.7	1.8	•4	• 1	• 1						6.0	6.9
wsw	.9	3.0	2.4	• 7		•1						7.7	6.9
w	1.3	4.2	2.2	• 7	•2							8.7	6.3
WNW	1.2	4.1	2.8	•6					i			8.7	6.2
NW	2.0	3.0	2.0	• 2								7.2	5.3
NNW	1.8	4.6	3.2	•6								10.1	6.2
VARBL													
CALM	> <	> <	><	><	> <	> <	><			$\supset <$	><	7.4	
	17.3	39.7	26.9	7:1	1.3	• 2						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 900

#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

(KNTS)   1 · 3   A · 6   7 · 10   11 · 16   17 · 21   22 · 27   28 · 33   34 · 40   41 · 47   48 · 55   ≥56   %							10,13	6/4					AP8/UG	HILL
SPEED   1 - 3					EARS	Y		Turn	A11 WC		NAM E	STATION		
SPEED     1 - 3					<del></del>								_	
SPEED (KNTS)   1 · 3														
N				<b>—</b>				DITION	CONI				_	
CKNT5   1 · 3														
CKNT5   1 · 3				_									_	
CKNT5   1 · 3														
NNE	MEAN WIND SPEED	*	≥56	48 - 55	41 - 47	34 - 40	28 - 33	22 - 27	17 - 21	11 - 16	7 - 10	4.6	1 - 3	(KNTS)
NE       .9       .1       .1         ENE       1.6       1.0       .3         E       2.4       2.7       1.7       1.2       .1         ESE       2.0       5.7       2.0       .8       10.4         SE       1.6       1.9       .1       .2       3.8         SSE       1.1       2.1       .9       .2       4.3         SSE       1.1       2.1       .9       .2       4.3         SSW       .9       1.7       1.1       .3       .1         SSW       .9       1.7       1.1       .3       .1         SW       1.0       .8       .1       .3       .1         WSW       .3       .4       .4       .1       1.3         WNW       .9       .7       .1       .1       1.8         NW       .4       1.7       1.0       .6       .7         VARBI       1.4       4.6       2.6       .7       .7	5.4								.2	•7	3.6	5.9	4.8	N
ENE 1.6 1.0 .3	3.5	2.8									•2	•6	2.0	NNE
E 2.4 2.7 1.7 1.2 .1 8.1 ESE 2.0 5.7 2.0 .8 10.4 SE 1.6 1.9 .1 .2 3.8 SSE 1.1 2.1 .9 .2 3.8 SSE 1.1 2.1 .9 1.0 .1 7.3 SSW .9 1.7 1.1 .3 .1 4.1 SW 1.0 .8 .1 .3 .1 2.3 .1 2.3 .1 2.3 .1 2.3 .1 2.3 .1 3 .1	2.6	1.1									•1	•1	• 9	NE
ESE 2.0 5.7 2.0 .8   10.4   SE 1.6 1.9 .1 .2   3.8   3.8   SSE 1.1 2.1 .9 .2   4.3   4.3   SSE 1.1 2.1 .9 1.0 .1   7.3   SSW .9 1.7 1.1 .3 .1   4.1   SW 1.0 .8 .1 .3 .1   4.1   3.1   4.1   3.1   4.1   3.1   4.1   3.1   4.1   4.1   3.1   4.1	3.8	2.9									•3		1.6	ENE
SE         1.6         1.9         .1         .2           SSE         1.1         2.1         .9         .2           S         1.2         3.1         1.9         1.0         .1           SSW         .9         1.7         1.1         .3         .1           SW         1.0         .8         .1         .3         .1           SW         .3         .4         .4         .1           W         1.1         1.3         .6         .2           WNW         .9         .7         .1         .1           NW         .4         1.7         1.0         .6           NRW         1.4         4.6         2.6         .7           VARBI         .4         .4         .6         2.6         .7	6.4	8.1							• 1	1.2	1.7	2.7	2.4	Ę
SSE         1.1         2.1         .9         .2           5         1.2         3.1         1.9         1.0         .1           SSW         .9         1.7         1.1         .3         .1         .4.1           SW         1.0         .8         .1         .3         .1         .2.3           WSW         .3         .4         .4         .1         .1         .3           W         1.1         1.3         .6         .2         .2         .3.2           WNW         .9         .7         .1         .1         .1         .1         .8           NW         .4         1.7         1.0         .6         .7         .2         .2           VARBI         .4         4.6         2.6         .7         .7         .2         .2	5.6	10.4								•8	2.0	5.7	2.0	ESE
SSE     1.1     2.1     .9     .2       S     1.2     3.1     1.9     1.0     .1       SSW     .9     1.7     1.1     .3     .1       SW     1.0     .8     .1     .3     .1       WSW     .3     .4     .4     .1       W     1.1     1.3     .6     .2       WNIW     .9     .7     .1     .1       NW     .4     1.7     1.0     .6       NNW     1.4     4.6     2.6     .7       VARBI	4.5	3.8								•2	•1	1.9	1.6	SE
5         1.2         3.1         1.9         1.0         .1         7.3           SSW         .9         1.7         1.1         .3         .1         4.1         4.1           SW         1.0         .8         .1         .3         .1         2.3           WSW         .3         .4         .4         .1         1.3           W         1.1         1.3         .6         .2           WHW         .9         .7         .1         .1           NW         .4         1.7         1.0         .6           NNW         1.4         4.6         2.6         .7           VARBI         .7         .7         .7	5.1	4.3		<i></i>							•9	2.1	1.1	SSE
SSW     .9     1.7     1.1     .3     .1       SW     1.0     .8     .1     .3     .1       WSW     .3     .4     .4     .1       W     1.1     1.3     .6     .2       WNW     .9     .7     .1     .1       NW     .4     1.7     1.0     .6       NNW     1.4     4.6     2.6     .7       VARBI	6.7	7.3							.1		1.9	3.1	1.2	S
SW         1 · 0         · 8         · 1         · 3         · 1         2 · 3           WSW         · 3         · 4         · 4         · 1         1 · 3         1 · 3           W         1 · 1         1 · 3         · 6         · 2         3 · 2           WNW         · 9         · 7         · 1         · 1         1 · 8           NW         · 4         1 · 7         1 · 0         · 6         1 · 8           NRW         1 · 4         4 · 6         2 · 6         · 7         9 · 2           VARBI         VARBI         1 · 0         · 6         · 7         1 · 0         · 6         · 7	6.6	4.1							.1	•3	1.1	1.7	•9	SSW
WSW	6.0	2.3							.1	•3	•1		1.0	sw
WNW	6.1	1.3								•1	•4		.3	wsw
WNW	5.4	3.2								•2	•6	1.3	1.1	w
NW	4.4	1.8							.1		•1			WNW
NNW 1.4 4.6 2.6 .7 9.2 YARBI	6.7	3.7								.6	1.0		.4	NW
VARBL	5.9	9.2								•7			1.4	NNW
CALM 18.4														VARBL
		18.4	><		> <	>	><1	> <	><	><	><	> <	> <	CALM
23.7 34.1 16.7 6.3 .8	4.6	100.0				· · · · · · · · ·			.8	6.3	16.7	34.1	23.7	

TOTAL NUMBER OF OBSERVATIONS

900

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/OGDEN UTAH	73-78 و70-67	JUN
STATION	STATION HAME	YEARS	MONTH
		ALL WEATHER	2100-2300
		CLASS	HOURS (L.S.T.)
		AND ISLAN	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 • 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	2.4	3.0	1.0			<del> </del>					7.8	6.9
NNE	•3	• 41	• 3					1			i i	1.1	5.3
NE	.7	.3	•2					1				1.2	4.1
ENE	.7	.7	•4	•1			<del>                                     </del>	1	i	<u> </u>		1.9	5.7
E	2.3	2.2	4.3	1,4	.4							10.8	7.7
ESE	3.1	11.3	24.8	4.8					1			44.0	7.6
SE	1.3	3.0	1.4	•1								5.9	5.2
SSE	•3	2.2	.9	•2				1	<del> </del>		1	3.7	5.8
5	,4	1.6	2.2	1.6	.1			<del> </del>			İ	5.9	8.3
ssw	•1	.6	•1	•1			<del> </del>	<del> </del>		<u> </u>	<u> </u>	•9	5.4
	.4	•2	•1	•1			<del> </del> -	<del> </del>	<u> </u>	† <i>-</i>		•9	5.6
SW WSW	• • •						<del> </del>	<b> </b>			1		
W2M	<del> </del>	.6					<del> </del>	·	<del> </del>		<del> </del>	•6	4.6
WNW	•2	.2	• 3				<del> </del>		<del> </del>	<del> </del>	<del> </del>	•8	5.9
	.6	- 64	•1	•1			ļ		<del> </del>	<del>                                     </del>	<del> </del>	1.2	5.0
NWW NW	•4	1.2	1.0	•8			<del> </del>		+	<b> </b>	<del>                                     </del>	3.4	7.6
	• 4	102	1.0	• •	<del> </del>	<u> </u>	<del> </del>	<del> </del>	<del> </del>		<del> </del>	<del></del> -	
VARBL		<	<del></del>	<del></del>	$\leftarrow$		$\leftarrow$	$\forall \neg$	$\leftarrow$		$\overline{}$	10.0	
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$								.000	
	12.3	27.4	39,3									100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM AL 4 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

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#### SURFACE WINDS

## PERCENTAC'S FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/DGDEN UTAH	67-70,73-78	JUN
STATION	STATION HAME	YEARS	NTHOM
		ALL WEATHER	ALL
	***************************************	CLASS CLASS	HOURE (L S.T.)
	<del></del>	CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.7	3.2	2.0	•4	.0							7.2	5.7
NNE	.8	.8	• 2	•0							i	1.9	4.2
NE	•7	.4	•1	• 0								1.2	3.8
ENE	.8	•6	• 3	•2								1.8	5.1
E	1.3	1.9	3.1	2.5	•4				1	<b> </b>	1	9.2	8.6
ESE	1.5	5.8	13.6	10.4	•5	ن٠			1			31.8	9.3
SE	1.0	2.0	1.0	+2	•0							4.2	5.6
SSE	.4	1.2	1.1	.4	.1	•0						3.2	7.1
s	•6	2.2	3.0	1.9	.3	•1			ļ			8.1	8.8
ssw	.7	1.4	1.2	• 5	•							3.7	6.9
sw	•7	1.2	•7	• 3	•0	•0					·	2.8	6.2
WSW	.4	1.0	•8	• 1		•0			1			2.3	6.4
w	•6	1.7	1.2	• 3	•0	•0						3.8	6.4
WNW	.5	1.2	9.8	•1	•0							2.7	6.2
NW	.8	1.3	•6	•2								2.9	5.5
WNN	.8	1.9	1.5	•4	•			1				4.7	6.5
VARBL								1	<u> </u>				
CALM	><	$\times$	$\times$	$\geq \leq$	$\geq$	$\geq \leq$	$\geq$	$\geq$	$\geq$	$\boxtimes$		8.2	
	13,2	27.6	31.4	17.9	1.5	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 7200

#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101 HILL AFB/DGDEN UTAH 67-70,73-78

STATION STATION NAME
ALL WEATHER
COMMITTION

COMMITTION

COMMITTION

JUL

ROATH

ROATH

ROATH

COMMITTION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
X	.8	.6	• 5	• 2								2.2	5.6
NNE	•2	.4	•1							i		• 8	4.9
NE	•2	.4	•2	•1						i		1.0	6.4
ENE		•2	•0	+5								1.4	9.6
Ε	•1	1.8	4.1	4.4	.6		<del></del>			<del></del>		11.1	10.8
ESE	.8	7.3	26.5	23.5	.4							58.5	10.0
SE	.6	1.4	2.4	1.3								5.7	7.8
SSE	.3	1.1	2.0	•6								4.1	8.1
\$	. 8	.9	4.0	1.3	•1							7.0	8.4
SSW	.4	.4	• 5	•2	.1		1					1.7	7.2
sw	•1		• 1									•2	5.5
wsw		• 1										•1	4.0
_ w			• 2									•2	7.0
WNW			• 1									•1	8.0
NW		5	• 2									• 8	5.3
NNW	• 2	.4	• 3	•1								1.1	6.4
VARBL									1		1		
CALM	><	> <	> <	$\times$	$\times$	$\times$	$\geq \leq$			$\supset$		4.2	
	4.5	15,7	41.9	32.4	1.3					,		100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

THE WAY SELECT

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•5	.1	• 3									1.0	5•
NNE	• 2	. 1	• 1									.4	4.
NE	•2	.4	• 1					<u> </u>				• 8	4.
ENE	• 1	• 2	, 4	• 5					1			1.3	9•
Ę	•9	1.5	2.8	4.7	.4							10.3	9.
ESE	• 9	5.5	22,6	33.7	2.3	•1						64.9	11.
SE	• 2	3.3	2.6	1.2								7.3	7,
SSE	.3	. 8	.8	•3								2.2	6.
S	• 1	1.7	2.9	1.5					1			6.2	8•
SSW	•1	.1	• 9	•1								1.2	8.
\$W	• 1	.1										• 2	4.
WSW			•1									•1	8 •
w		1								]		•1	4.
WNW		- 1	• 1									•2	6.
NW	•1	,3	• 1									• 5	4.
ИИW	•2	. 1										•3	3.
VARBL													
CALM	><	$\geq \leq$	> <	><	><	$\geq \leq$	$\geq <$		$\geq$			2.9	
	4.0	14.5	33.8	42.0	2.7	.1						100.0	9•

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ÄIR WEATHER SERVICE/MAC

C
24101 HILL AFR/OGDEN

A6688

C

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101 HILL AFB/DGDEN UTAH 67-70,73-78 JUL

STATION STATION NAME

ALL WEATHER 0600-0800

CLASS HOVES (LLS.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.8	.2	• 1									1.1	3.0
NNE													
NE	• 1		• 2									•3	6•
ENE		•3	•3	, 1								•8	8
E	• 4	2.0	3.8	4.9	•1							11.3	10.
ESE	8.	5.8	25.9	34.4	3.7	•1						70.6	11.
SE	.5	1.1	1.9	1.5					]			5.1	8.0
SSE	.3	•6	•9	•6								2.5	8.
S		.4	1.8	1.2	.1							3.5	10.
SSW		.3	•1	•1								•5	7.0
sw			• 1	•1					i			•2	10.
wsw		• 1	•1									•2	8.
w	.3	•1										.4	2.
WNW				•1					1			•1	12.
NW			•1									•1	7.
NNW	• 1	.3	•2									•6	6.1
VARBL													
CALM	><	><	><	$\times$	$\times$	$\times$	> <	><	$\supset \subset$	><	>>	2.6	
	3.3	11.4	35.6	43.1	3.9	•1			}		***************************************	100.0	10.

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH USAFETAC SURFACE WINDS AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) € HILL AFB/UGDEN UTAH 24101 67-70,73-78 0900-1100 HOURE (L.S.T.) ALL WEATHER SPEED (KNTS) DIR. MEAN WIND SPEED 1 - 3 7 - 10 11 - 16 3.0 1.1 1.6 4.3 1.2 •1 •0 3.3 .9 1.3 2.2 3.1 NE .8 1.4 4.5 •2 ENE 2.5 4.7 6.8 3.0 17.4 7.7 8.9 14.5 7.8 3.6 C ESE 1.2 1.2 3.9 1.1 1.4 • 2 SE SSE 1.0 •9 8.6 . 3 C 5 4.4 5.3 4.4 1.1 2.0 5.6 7.2 1.9 SSW •5 1.0 •4 1.9 5.2 SW •2 C •3 WSW 1.9 1.5 WNW •6 • 3 4.6 .8

TOTAL NUMBER OF OBSERVATIONS

7.2 930

3.7

1.7

5.6

100.0

大学

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

NW

NNW VARBL • 8

1.0

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### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 • 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.4	5.8	1.6	• 3						1		10.1	5,1
NNE	1.7	2.3	• 2							T		4.2	4.1
ΝE	1.6	1.3	•1									3.0	3.5
ENE	•4	1.0	•1							i		1.5	4.4
E	.5	1.5	1.5	•4								4.0	7.0
ESE	•8	1.1	.4	•1						1		2.4	4.8
\$E	• 5	1.0	•3				ļ	<u> </u>	1	i		1.8	4.7
SSE	•4	1.3	1.0	•2	-1		T	1	1			3.0	6.8
5	1.9	4.3	4.5	2.6	1.1	•1	i ——	1				14.5	8.4
SSW	•9	4.4	2.8	• 8		•1						8.9	6.8
sw	1.3	4.8	2.2	•2			i					8.5	5.5
WSW	• 5	2.6	1.4	•2						i		4.7	6.1
w	1.3	4.0	2.0	•1							i	8.0	5.9
WNW	1.2	2.0	1.7									4.9	5.6
NW	1.5	2.2	1.0									4.6	5.0
WNW	.9	2.6	1.8	• 2								5.5	5.7
VARBL													
CALM	><	> <	$\times$	>>	$\times$	> <	$\supset \subset$	$\supset$	$\supset$			10.3	
	17.8	42.0	23.2	5,2	1.2	•2						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

930

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/OGDEN UTAH	67-70,73-78		JUL
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		1500-1700
		CLASS		HOVES (L S Y.)
	<del></del>	COMPITION		
		CONDITION		

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	3.4	9.8	2.9	+2	• 1							16.5	5.
NNE	1.3	2.3	•1									3.7	4.0
NE	1.2	1.0	• 4									2.6	3 • 5
ENE	• 8	• 3	• 2									1.3	3.8
E	•4	1.2	1.2	•3								3.1	6.9
ESE	•2	.5		•2	•1							1,1	7.4
SE	•3	•2	• 2	•2	• 1		1					1.1	7.3
SSE	•2	• 1	•8	- 4	•1							1.6	9.4
5	1.4	2.2	2.3	2.0	. 1	_ •2	•1					8.3	8.6
SSW	1.0	1.5	1.2	•3	.3	.1				T		4.4	7.5
SW	1.0	2.7	1.2	٠Ú		•1						5.6	6.8
WSW	•6	1.9	.8									3.3	5.4
w	2.7	5.6	3.3	• 2								11.8	5.5
WNW	1.3	3.9	2.0	• 1								7.3	5.5
NW	1.9	4.7	1.7									8.4	4.9
NNW	2.0	5,3	2.6									9.9	5.3
VARBL													
CALM	$\geq <$	$>\!\!<$	$\times$	$\times$	$\times$	><	$\triangleright <$	$\supset <$	$\supset <$	$\supset <$	$\supset <$	10.1	
	19.8	43.1	20.9	4.7	. 9	. 4	•1					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 030

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/DGDFN UTAH	67-70,73-78		JUL
STATION	STATION HAME		YEARS	NONTH
		ALL WEATHER		1800-2000
		CLASS		HOURS (L.S.T.)
		CORDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	6.9	4.5	1.8	•5								13.8	4.4
NNE	1.4	1.2	•2	• 1								2.9	3.8
NE	1.2	.3	•1	•1								1.7	3.4
ENE	1.4	•1	•2	•1	.1			ļ		<del> </del>		1.9	4.7
E	2.4	1.6	1.2	1.4	•1					<del>                                     </del>		6.7	6.5
ESE	2.4	4.9	3.8	•5	•2							11.8	6.3
SE	1.7	• 8	• 2	•1								2.8	3.8
\$SE	•9	1.8	• 8	1.2	•1							4.7	7.5
S	• 5	2.2	2.5	1.9	•4		.1					7.6	9.5
SSW	•6	1.2	• 8	•8		• 1						3.4	7.4
sw	•6		• 3		.1							1.1	5.9
WSW	•2	•1	. 4	•1				[				.9	6.8
w	.8	1,7	• 3		• 1	•1						3.0	5 . 8
WHW	.3	1.1	•5	• 1								2.2	7.1
_ NW	.8	1.0	•6	•1								2.5	5.6
WNW	2.7	4.2	1.4	• 9	.2							9.4	5.5
VARBL													
CALM	><	> <	$\times$	><	> <	> <	><	$\supset <$	$\supset <$	> <		23.7	
	24.7	26.7	15.2	8.0	1.4	. 2	.2					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 930

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### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/DGDEN UTAH	67-70,73	-78	JUL
STATION	STATION MAME		YEARS	MONTH
		ALL WEATHER		2100-2300
		CLASS		HOURS (L S T.)
	***************************************	CONDITION	<del></del>	
		CONDITION		

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•6	1.0	1.4	•6								3.7	7.2
NNE	•1	.3	•2	•2								•9	8 • 1
NE	•1	.3	• 2									•6	5.8
ENE	• 3	1.1	• 8	•1								2.3	6.4
E	1.7	2.6	3.4	3.2	.5							11.5	8.7
ESE	1.8	12.0	28.4	7.7			i					50.0	8.1
SE	• 5	2.0	2.2	•2								4.9	6.4
SSE	•6	2.3	2.2	.4	• 1							5.6	6.8
S	•2	2.3	3.2	2.3	.4	•1					I	8.5	9.6
ssw		.5	• 4	.4							I	1.4	8.0
sw	• 1											• 1	1.0
wsw		.3										•3	4.7
w		•2	• 1	• 4					1			•8	10.3
WNW		,2	•1									_ •3	6.7
NW	• 2	.3	• 3									.9	5.8
WMM	• 2	•1	•9	• 4		.2						1.8	10.3
VARBL													
CALM	$\geq \leq$	$\times$	$\geq \leq$	$\mathbb{X}$	$\times$	$\times$	$\ge $	$\geq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	6.5	
	6.7	25,6	43.8	16.1	1.1	.3						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 930

#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101 HILL AFB/OGUEN UTAH 67-70,73-78

STATION STATION NAME

ALL WEATHER

CLASS

CONDITION

CONDITION

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.1	3,0	1.1	•2	.0			l				6.4	5.0
NNE	•7	•9	•1	•0								1.7	4.2
NE	•7	.6	•2	•0								1.5	4.0
ENE	.4	.5	•4	•2	•0							1.5	6.1
E	1.1	2.1	3.1	2.8	.3							9.4	8 • 8
ESE	1.1	5.8	15.3	13.5	.9	ب و						36.5	9.8
SE	•7	1.4	1.4	•6	•0			i				4.1	6.9
SSF	•4	1.1	1.1	•5	•1							3.3	7.0
S	. 8	2.3	3.3	2.2	.3		.0					8.9	9.0
SSW	.5	1.3	1.1	•4	.1	•0						3.4	7.2
SW	•5	1.1	.5	•1	•0	•0						2.2	5.5
wsw	•2	.6	•4	•0							Γ	1.3	5.5
₩	•7	1.6	•9	•1	•0	•0						3.3	5 . 8
WNW	•4	1.0	•6	•0			•0					2.1	5.7
NW	•6	1.2		•0								2.3	5.1
NNW	•9	1.7	•9	•2	•0	.0				<u> </u>		3.8	5.7
VARBL											ļ ——		
CALM	$\searrow$	$\times$	$\times$	$\times$	$\times$	$\times$	$\boxtimes$	$\geq$	$\boxtimes$	$\boxtimes$		8.2	
	11.7	26.2	30.9	21.0	1.7	.2	•0					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 7440

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#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101 HILL AFB/DGDFN UTAH 67-70,73-78

ALL WEATHER 0000-0200

CLAMS

AUG

ROOTH

OOO0-0200

REVER (LET.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	• 4	.4	.8	• 2								1.8	7.0
NNE	1	•1										•2	4.0
NE	•1			• <u>1</u>								•2	8.0
ENE	•4	• 3	1.1	•6					i			2.5	7.8
E		1.3	3.4	4.5	•6						1	10.4	10.6
ESE	1.0	4.5	26.2	25.8	•1			T		[		57.6	10.3
SE	_ 8	2.2	3.5	1.2					i.			7.6	7.4
SSE	- 4	1.2	1.2	•1								2.9	6.2
\$	.3	1.6	3.3	3.5	•2							9.0	10.0
SSW	.3	•2	•3	• 3								1.2	7.4
SW	•2	.3	•1									•6	4.7
wsw	.1									<u> </u>		•1	3.0
w	.1	•2										•3	4.0
WNW	.1											•1	2.0
NW	•3	•1	•2									•6	4.7
HNW	•4	•1	•2	•1								•9	5.6
VARBL					ì					!			
CALM	><	> <	$\times$	$\times$	$\mathbb{X}$	$\ge$	$\times$	$\times$	$\times$	$\times$		3.8	
	5.7	12.6	40.4	36.6	1.0							100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

930

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### SURFACE WINDS

PENCENTAGE FREQUENCY OF WIND LURECTION AND SPEED (FROM HOURLY OBSERVATIONS)

establishment and the control of the state o

24101 HIL: AFB/UGDEN UTAH 57-70,73-78 AUG

STATION STATION NAME ALL WEATHER 0300-0500

CLASS HOURS (LS 7.)

SPEED (KN/S) DIK.		3-0	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N ;	-27	. 3		•11	-		T. ——					•6	5.2
NNE	•1		• 2									.3	5.7
NE	-	.1	•1	•1						1		•3	8.0
ENE	• 3	.3	•3	•8			i					1.7	8.6
E	. 3	1.1	2.6	5.4	1,0							10.3	11.4
ESE	.9	5.8	22.0	31.5	1.8							62.0	10.9
SE	•4	3.7	3.2	1.0								8.9	7.7
SSE	•5	1.4	•6	• 3			1					2.9	5.9
5	• £}	1,3	2.0	3.0	1							7.2	10.0
SSW	• 2	.2	• 2	•1								• 8	6.4
SW	ii		• 2	• 1								• 3	9.3
wsw	• 2											•2	2.0
w		.2										. 2	5.5
WNW		. 1										•1	6.0
NW	•2	.4	•3									1.0	5.4
NNW	• 2	•2										.4	3.3
VARSL								1					
CALM	X	><	><	$\times$	$\times$	$\times$			$\supset <$		$\times$	2.6	
	3.9	15,2	32.5	43.0	2.9							100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 930

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101 STATION	HILL AFB/OGDEN UTAH	67-70,73-78	YÉARS	AUG
		ALL WEATHER		0600-0800 HOURS (L.S.T.)

SPEED (KNTS) DIŔ.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	~	MEAN WIND SPEED
N	•1	.4	•1	•1								•8	6.
NNE		.3	• 1									• 4	5
NE	• 2	•1										•3	2.
ENE	•2	•1	•2	•9				1		·		1.4	10
E	•6	1,1	3.9	5.3	1.1	•1	<u> </u>					12.0	11
ESE	.9	5,1	18.6	37,3	3.0		1					64.8	110
SE	.9	3.2	1,5	1.0					<u> </u>	<u> </u>		6.6	6
SSE	.5	.8	1.0	•4				1				2.7	6
S	• 2	1.4	1.6	2.0								5.3	9
ssw	.1	•1	,5				ļ					-8	6
SW			•2	•1				T	l			•3	10
wsw		•1	•1									•2	6
w	•1	.1	•3									•5	6
WNW		•1	•2	•1				·				•4	8
NW		.3										• 3	5
NNW	•4	•3	•1				<del>                                     </del>	<del>                                     </del>				.9	3
VARSL							<del></del>	<del> </del>	<del> </del>	<del> </del>			
CALM	$\times$	$\times$	$\times$	$\times$	$\times$	> <	$\times$	$\geq$	>>	><	>>	2.3	
	4.3	13,5	28.5	47.2	4.1	1						100.0	10

TOTAL NUMBER OF OBSERVATIONS 930

VARBL

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#### SURFACE WINDS

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#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

67-70,73-78 HILL AFB/DGDEN UTAH 0900-1100 HOVES (L.S.T.) ALL WEATHER SPEED (KNTS) DIR. MEAN WIND SPEED 1 - 3 7 - 10 2.4 • 8 1.5 3.3 HNE . 8 •1 NE .8 2.6 ENE 1.1 1.5 7.9 17.5 6.7 E ESE 1.8 14.2 7.4 30.0 SE •8 1.3 4.7 SSE 1.6 •3 1,4 1.3 3.9 5.9 15.8 1.0 2.3 SSW 6.6 • 6 SW WSW .5 W •3 1.1 WNW • 3 4.6 NW NNW

TOTAL NUMBER OF OBSERVATIONS 930

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### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101 HILL AFB/UGDEN UTAH 67-70,73-78

AUG

STATION AND STATION HAND

ALL WEATHER

CLASS

CONSISTION

CONSISTION

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	5.3	1.0				<del></del>		i			8.8	4.0
NNE	1.3	1.8	•2					ļ				3.3	402
NE	•6	•9	•1					1	1			1.6	4.
ENE	1.0	.4							i	1		1.4	3.3
E	.9	.9	• 2	• 4			i			i		2.4	5.:
ESE	•4	•1	• 4									1.0	5.
SE	.8	•2	•4					1	<u> </u>			1.4	4.5
SSE	.5	1.4	•9	•3	•2							3.3	7•3
\$	2.3	4.6	5.6	4.0	•2					1		16.7	8.0
SSW	2.3	5.6	4.5	1.4	.2							14.0	6.
sw	1.2	3.8	1.,7	• 8	.1	• 3			· · · · · · · · · · · · · · · · · · ·			7.8	7.0
W\$W	1.0	1.8	2.0	•1								4.9	6.4
w	1.6	6.2	2.8	•5	.1		i					11.3	5.8
WNW	1.0	3.5	1.6	• 1	•1							6.3	5.5
NW	•6	2.5	8•	• 2								4.1	5.6
WNN	1.1	2,8	1.7	• 2								5.8	5.9
VARBL									1				
CALM	$\searrow$	$\times$	$\times$	$\times$	$\times$	$\times$	> <	>	$\supset \subset$	$\supset \subset$	>	5.8	
	19.0	41.8	24.0	8.1	1.0	.3						100.0	5.

TOTAL NUMBER OF OBSERVATIONS

930

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#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HILL AFB/UGDEN UTAH 24101 STATION 67-70,73-78 1500-1700 ALL WEATHER 14.4 4.6 7.6 N 4.4 2.7 4.2 NNE 1.1 3.1 NE 1.8 ENE E 4.B 1.2 ESE .4 .4 1.5 SE SSE 2:2  $\overline{1.1}$ 1.4 2.8 5.2 8.8 1.9 1.5 SSW SW 1.0 WSW 1.7 12.7 W WNW 1.2 3.2 10.1 8.4 5.8 NW •6 • 3 11.1 5.6 NNW

TOTAL NUMBER OF OBSERVATIONS

5.5 929

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### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/OGDEN UTAH	67-70,73-78	AUG
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	1800-2000
		CLASS	HOURS (L.S.T.)
		CONDITION	-
			-

SPEED (KNTS) DIR.	1-3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	5.0	3.9	• 3	•5	•2				1		i	9.9	406
NNE	1.9	.9	• 1									2.9	3.1
NE	1.0	•4	•1									1.5	3.3
ENE	1.2	.6										1.8	3.0
E	3.9	3.1	1.6	•6						1		9.3	4.9
ESE	2.7	7.3	2.0	• 2								12.3	4.9
SE	1.1	2.3	•3		•1							3.8	4.8
SSE	1.1	1.4	,9	•4	.1							3.9	6.2
S	.9	2.2	2.7	1.8	1.3	•1	•1					9.1	9.5
SSW	.3	.2	1.4	•4					1			2.4	8.0
sw	• 3	.3		• 2	.1							1.0	8.1
WSW	.3	•1		•2								•6	7.2
w	1.0	1.0	• 3	•1		• 1						2.5	5 . 5
WNW	•6	. 8	•2									1.6	4.7
NW	1.1	1.0	•3	• 5	.1							3.0	6.3
NNW	3.1	3.5	•9	•1	.1							7.7	4.5
VARBL													
CALM	$\supset \subset$	> <	> <	$\times$	> <	$>\!\!<$	$\supset <$	$\supset \subset$	$\supset <$	$\supset <$		26.8	
	25.5	28.9	11.2	5.3	2.0	. 2	•1					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 927

24101

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HILL AFB/OGDEN UTAH

#### SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

AUG

2100-2300

927

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#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WEATHER

SPEED (KNTS) DIR. •6 NNE .8 NE ENE 1.8 13.2 27.3 7.1 1.2 SE 2.6 1.2 SSE 5 SSW • 1 SW wsw WNW NW NNW VARBL 100.0 7.4

67-70,73-78

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#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101 HILL AFB/OGDEN UTAH 67~70,73~78

STATION STATION HARE ALL WEATHER ALL
CLASS HOURS (L.E.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.5	•7	•2	•0					!		5.1	4.8
NNE	.7	.8	•1									1.6	3.9
NE	• 5	.4	•1	•0								1.0	4.0
ENE	.6	•5	• 4	•4								1.9	6.6
E	1.1	2.0	3.0	2.8	, 4	•0						9.4	8.9
ESE	1.2	5.3	13.9	13.7	.7			}				34.8	9.9
SE	.8	2.3	1.7	• 5	•0							5.2	6.5
SSE	• 5	1.3	1.1	• 5	- 1				Ī			3.5	7.1
5	.8	2.4	3.2	3.0	,4	•0	•0					9.8	9.3
SSW	•6	1.2	1.4	•6	.1				]	j		4.0	7.4
SW	•4	1.1	•6	• 3	• 1	• 1						2.4	7.0
WSW	•3	•6	• 3	•0								1.3	5.6
W	•7	1.9	•9	• 2	• 0	•0						3.7	5.9
WNW	.4	1.3	• 7	• 1	٥.							2.5	5.7
NW	.4	1.3	•6	•1	•0							2.4	5.8
NNW	1.0	1.8	• 7	• 1	•0							3.6	5.3
VARBL													
CALM		$\geq \leq$	><	><	> <	$\times$	$\geq \leq$	$\geq <$	$\boxtimes$			7.7	
	11.6	26.8	29.4	22,6	1.8	•1	•0					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 7433

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/GGDEN UTAH	66-70,73-77	SEP
STATION	STATION HAME	YEARS	MONTH
		ALL WEATHER	0000-0200
		CIVII	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.0	1.1	•9	•7			<b></b>					3.7	6.3
NNE	• 3	.7	•1	•1								1.2	5.3
NE	.3		• 1				Ì		1			•4	3.5
ENE	• 2	•2	•1				i			ļ		•6	4.2
E	1.0	1,4	4.0	3.3			<del>                                     </del>	<del> </del>				10.2	9.5
ESE	2.1	7.7	28.9	18,1	.8	•1	<del> </del>		<del>                                     </del>			57.7	9.5
SE	• 7	1.4	2.8	1.7	.1			<del>                                     </del>	† — — —			6.7	8.5
SSE	• 7	1.3	1.2	• 3				<del>                                     </del>				3.6	6.6
S	•1	1.4	2.9	3.3				<del> </del>		<del></del>		7.8	10.0
		3	• 2					i	<b></b>	<del> </del>		•6	6.0
SSW	<del> </del>	.2	<del></del>	•1				<del></del>	<del>                                     </del>			•3	8.3
SW				<u>~</u>				<del> </del>	<del> </del>	<del> </del>			
WSW	.1	.1					<del>  -</del>	<del> </del>	<del>                                     </del>	<del> </del>		•2	4.0
WNW	- ••		•1			<del>                                     </del>		<del> </del>	<del> </del>	<del>                                     </del>		•1	8.0
	• 3		• 3	•1		•1		<del> </del>	<del>                                     </del>	1		•9	8 . 8
NNW	-	.7	•4	94			<del> </del>	<del> </del>	<del> </del>	<u> </u>		1.6	8 • 4
		• • •		V 7			· · · · · ·		<del> </del>			1	
VARBL			$\overline{}$				$\overline{}$	$\overline{}$	$\overline{}$			4.6	
CALM		$\geq$			$\sim$								
	6.9	16.7	42.1	28+2	1.3	.2						100.0	8.

TOTAL NUMBER OF OBSERVATIONS 900

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### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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COMMI

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•1	1.3	•7									2.1	5.5
NNE	•3	•3	•1	•1			i					•9	5.4
NE	• 3	•1	•1									•6	3.6
ENE	•2	•1	•1	•1	•1					i		•7	9.5
Ε	.7	1.0	3.2	5.3	•3							10.6	10.5
ESE	•9	5.8	22.3	29.9	1.0					l		59.9	10.8
SE	.8	1.3	2.0	2.7								6.8	8.7
SSE	•4	1.4	1.0	•6								3.4	6.7
\$	•6	1.6	3.0	2.2	•1							7.4	9.0
SSW	•1	•2	•3									.7	6.0
SW													
wsw			.1									•1	9,0
W		•1	•3	•1	.1							.7	9.7
WNW		• 1		• 2								• 3	10.7
NW	• 2	•2		• 2						1		.7	6.2
NNW	•1	8.	•2									1.1	5.5
VARBL													
CALM	$\times$	$\geq \leq$	$\geq \leq$	$\times$	$\geq \leq$	$\geq \leq$	$\geq$	$\geq$	$\geq$	$\geq$	$\geq <$	4.1	
	4.8	14.4	33.6	41.4	1.7							100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 900

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### SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•4	1.1	• 3	,1					1			2.0	5.4
NNE		•2										•2	4.0
Nξ	•2	•1										•3	2.7
ENE	•1		•1									•2	6.0
Ε	.4	1.4	3,3	5.2	1.0							11.4	11.1
ESE	1.4	4.1	21.7	33.2	3.8							64.2	11.4
SE	•6	2.1	1.2	1.4	.2							5.6	7.9
SSE	• 4	.3	• 6	• 4				i				1.8	7.7
5	•6	1.3	2,4	2,3	.2	• 1						7.0	9.5
SSW	•1	.2	• 7	•1	• 1				<u></u>			1.2	8.5
sw		• 2										•2	5.0
wsw	•1								<u> </u>	<u>i</u>		•1	2.0
w									<u> </u>				
WNW	•1		• 2					<u> </u>	<u> </u>			•3	5.7
NW	• 1	• 3	• 1	• 2		<u> </u>			<u> </u>	<u></u>		• 8	7.0
NNW	•2	•7	•6	•3						<u> </u>		1.8	7.3
VARBL								L	<u>l</u>	ļ			
CALM	$\geq \leq$	$\geq \leq$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	2.8	
	4.9	12.2	31.2	43.4	5,3	.1						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 900

#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/OGDEN UTAH	66-70,73	-77	SEP
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		0900-1100
		CLASS		NOURS (L.S T.)
		COMPLICAM		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•7	1.9	.9	•4	.1		1					4.0	6.4
NNE	•9	.3		•1								1.3	4.0
NE	1.3	.6					i					1.9	2.7
ENE	•3	.7	• 3	•1			i	<del></del>		i		1.4	5.8
Ε	2.2	3.9	3.7	5,3	1.2					<del></del>		16.3	9.4
ESE	1.7	6.4	16.4	8,7	.9	·			1	<u> </u>	i	34.1	9.1
SE	•8	.9	1.1	•1					1			2.9	5.8
SSE	.8	.9	.9	• 2			<del> </del>			1		2.8	5.9
S	1.2	3.2	5.4	4.1	1.0	•2	•1	<del>                                     </del>	ļ <i></i>		1	15.3	9.7
SSW	•4	1.7	•9	•4		•1			1		i	3.6	7.2
SW	.4	1.2	•7					i	<u> </u>			2.3	5.2
WSW	• 1	.3	•3	•1								.9	7.0
w	.7	.4	94	•1					<u> </u>			1.7	5.1
WNW	.6	•1	•2	•1				<del></del>		<del></del>		1.0	5.0
NW	.6	1.1	•1					·	l	<u> </u>		1.8	4.2
NNW	.8	.9	1.2	•2		<del> </del> -				<del>                                     </del>		3.1	6.3
VARBL							<del> </del>		<del>                                     </del>	<del>                                     </del>			
CALM	$\times$	>>	$\times$	$\mathbb{N}$	>	$\geq \leq$	> <		$\geq$		>	5.6	
	13.4	24.6	32.7	20.1	3,2	.3	•1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

900

# SURFACE WINDS

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# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/OGDEN UTAH	66-70,73-77	SEP_
STATION	STATION HAME	TEARS	MONTM
		ALL WEATHER	1200-1400
		CLASS	HOURS (1.8.7.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	,17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	3.7	5.1	2.3	•6								11.7	5.0
HHE	1.4	1.1	•1			,	i					2.7	3.3
NE	•9	.7	•1							1		1.7	3.5
ENE	•1	•1					<u> </u>		i			•2	4.0
E	.7	1.0	• 8	•7	• 1		<del></del>		ì		1	3.2	7.3
ESE		. 8	•6	•1								1.4	7.2
SE	•1	.4	• 3				1					•9	6.5
5SE	• 3	.9	•6	•2								2.0	6.2
S	1.2	4.8	4.1	2.7	1.0		•1		I			13.9	8.7
ssw	1.4	5.2	3.8	1.2	.3	•1						12.1	7.3
sw	1.1	3.2	2.0	•4	.2	• 1	i	1		1		7.1	6.7
WSW	1.9	2.1	1.3	•1								5.4	5.0
W	2.2	4.4	3.1	• 3	•1						Γ	10.2	5.9
WNW	.8	2.8	1.8	• 2								5.6	6.0
NW	1.2	3.9	1.7	•1						,		6.9	5.6
NNW	1.7	3.4	2.1	•3								7.6	5.5
VARBL											Ī		
CALM	><	$\times$	$\times$	$\geq$	$\times$	>	$\geq$	$\geq$	$\geq$			7.4	
	18.8	40.0	24.7	7.0	1.8	.2	•1					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 900

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### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101 HILL AFB/UGDEN UTAH 66-70,73+77 SEP

STATION NAME
ALL WEATHER 1500-1700

CLASS
CONDITION

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.9	9.9	2.1	• 8					1			17.7	5.0
NNE	1.9	1.6	• 3						,			3.8	3.8
NE	• 8	.3										1.1	2.7
ENE		.4										•4	4.5
2	•6	. 8	•1	•6	.2.							2.2	8.1
ESE	•4	• 1	• 1									•7	3.2
SE	•2	.6	• 4									1.2	5.7
SSE	• 1	.8	•6	• 1				ļ				1.6	6.4
S	.8	2.4	2.6	1.9	.2	. 2						8.1	8.5
SSW	1.1	1.8	1.8	•8	.1	• 1						5.7	7.2
SW	.9	2.3	• 8	• 4				ĺ				4.4	5.8
WSW	1.2	2.1	•9									4.2	4.8
w	2.3	5.2	1.9	. 8								10.2	5.5
WNW	2.8	3.9	1.4	•6		• 1						8.8	5.3
NW	2.3	4.2	2.2	• 1								8.9	5.0
NNW	2.4	7.6	3.0	• 7								13.7	5.6
VARBL													
CALM		> <	$\times$	$\times$	> <	> <	$\geq$	$\geq$	$\boxtimes$	$\supset$		7.3	
	22.8	44.0	18.2	6.7	.6	. 4						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 900

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/OGDEN UTAH	66-70,73-77	SEP
STATION	STATION NAME	YEARS	HONTH
		ALL WEATHER	1800-2000
		CLA16	HOURS (L.S.T.)
			-
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	4.6	2.9	2.0	1.1	•4							11.0	5.9
NNE	1.1	1.0	•2	•1								2.4	4.0
NE	.4	.3										•8	2.9
ENE	.9	.1		•1								1.1	3.5
E	2.0	3.1	1.4	•8						1	i	7.3	5.6
ESE	3.6	3.4	2.4									14.4	4.9
SE	.9	1.9	• 1									2.9	4.0
SSE	•6	2.9	1.6									5.0	5.5
S	1.2	2.9	2.4	1.3	.3	•1		1				8.3	7.8
SSW	.9	•7	•3	,4						ļ		2.3	5.8
sw	.7	. 8	• 2									1.7	4.3
WSW	•6	• 2	•2									1.0	4.1
w	1.0	2.0		•1	.1							3.2	4.7
WNW	.8	.6	•1	•1						1		1.6	4.3
NW	1.1	1.2	•7									3.0	4.6
NNW	2.8	2.6	• 4	•2	.2							6.2	4.7
VARBL							<u> </u>		1				
CALM	><	> <	$\times$	> <	$\times$	$\times$	$\times$	$\times$	$\boxtimes$	$\geq$		27.7	
	23.0	31.6	12.2	4.3	1.1	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL	AFB/U	CDEN UTAH 66-70,73-77									EP		
BYATION		-	STATION	NAME	·		EATHER			TEARS			2100	000TH 0=2300 5 (L.5 T.)
		-				co	NOITION							
:	SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥56	%	MEAN WIND SPEED
j	И	•7	2.3		•6								4.4	6.3

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.7	2.3	• 9	•6								4.4	6.3
NNE	• 3	.7	•2	•1								1.3	5.2
NE	• 3	•1	• 1									•6	4.2
ENE	•1	•4										•6	4.0
E	1.7	2.1	4.4	1.1	.3			1				9.7	7.6
ESE	3.0	16.1	28.1	5.3	•2							52.8	7.6
SE	1.6	3.8	1.7	+2							1	7.2	5.4
SSE	. 4	1.6	1.1	•3								3.4	6.2
S	• 7	1.7	3.3	1.9	.1							7.7	8.4
ssw	• 1	. 3	• 3				l	1				• 8	5.9
sw		•1	• 1									•2	7.0
WSW	• 1	•2							]			• 3	3.3
w	• 2	•1										•3	2.7
WNW	• 2	•2	•1				<u> </u>					•6	5.2
NW	• 3	.3	•4	• 2								1.3	6.3
NNW	• 3	1.2	•2	•6	.2							2.6	7.8
VARBL							l						
CALM	$\times$	$\geq \leq$	><	$\times$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq$	$\geq \leq$	$\geq \leq$		6.2	
	10.1	31.3	41.1	10.3	, 9							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 900

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/OGDFN UTAH	66-70,73-77	SEP
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	ALL
		CLA19	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	3.2	1.3	45	•1							7.1	5.5
NNE	• 9	.7	•1	+1								1.7	4.1
NE	•6	.3	•1						T -		<del></del>	•9	3.1
ENE	• 2	• 3	•1	•0	.0							•7	5.2
E	1.2	1.8	2.6	2.8	•5							8.9	9.1
ESE	1.6	6.2	15.1	11,9	. 8	•0						35.7	9.5
SE	•7	1.6	1.2	+8	• Q							4.3	7.0
SSE	•5	1.3	•9	• 3							Ì	2.9	6.3
S	•8	2.4	3.3	2.5	,4	• l	•0					9.4	9.0
55W	•5	1.3	1.0	•4	• 1	•0						3.4	7.1
5W	•4	1.0	• 5	•1	•0	•0						2.0	6.0
WSW	• 3	.6	•4	•0								1.5	4.9
w	.8	1.6	•7	•2	•0					1		3.3	5.6
WNW	.7	1.0	•5	•2		•0					T	2.3	5.5
NW	8.	1.4	•7	•1		•0						3.0	5.4
NNW	1.0	2.2	1.0	•3	.1						T	4.7	5.8
VARBL													
CALM	$\times$	$\times$	> <	$\times$	$\times$	$\times$	> <	> <	$\geq$	>	><	8.2	
	13.1	26.8	29.5	20.2	2.0	• 2	•0					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 7200

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#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101 HILL AFB/DGDEN UTAH 66-70,73-77 UCT

STATION STATION NAME

ALL WEATHER

COMDITION

CONDITION

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.7	1.4	•9	•1				<del></del>	<del>                                     </del>			4.1	4.
NNE	•1	.8										•9	4.
NE	• 3	•2	•3									•9	5.
ENE	•1	.3	•1	9.1						T		•6	6.
E	•9	1.0	3.0	3.5	• 5	• 1						7.0	10.
ESE	2.5	8.1	28.1	12.0	• 4							51.1	8.
SE	.8	3.1	2.3	1,3								7.4	6.
SSE	.9	•4	•9	•1								2.3	6.
S	•5	1.7	4.4	2.4	.3	• 2						9.6	9•
SSW	.2	•4	1.1	•3		• 1		· ·		T		2.2	8.
sw	• 2	.3	.3									• 9	5.
WSW	.1	.2		•1								.4	6.
w	.1	•1	•2	•2	.1							•8	9.
WNW	•1	•1		•1						1		•3	6.
NW	• 5	.3										.9	3.
NNW	.6	1.2	04	•1								2.4	5.
VARBL									T		1		
CALM	> <	> <	> <	> <	$>\!\!<$	> <	$\supset <$	$\supset <$	$\supset <$	> <	$\supset <$	6.5	
	9.7	19.7	41.9	20.4	1.4	.4						100.0	7•

TOTAL NUMBER OF OBSERVATIONS 930

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/OGDEN UTAH	66-70,73-77	OCT
POITATE	STATION HAME	YEARS	NOTH
		ALL WEATHER	0300-0500
	·	CLA96	HOURS (L.S.T.)
	**************************************	CONDITION	

SPEED (KNTS) DIR,	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 8	1.4	• 8	•2						<del>                                     </del>		3.1	5.4
NNE	• 3	•2										•5	3.4
NE	• 3		•1									• 4	3.1
ENE	• 1	.2	• 1	•5								1.0	10.0
E	1.0	,9	2.7	3.0	• 5							8.1	9.
ESE	1.7	7.0	24.3	21.6	1.5							56.1	10.0
SE	• 8	1.2	1.0	• 3	1.							3.8	7.3
SSE	• 2	1,2	1.4	•1	.2							3.1	7•
S	• 4	1.2	3.0	3.8	. 5							8.9	10.4
ssw	• 3	.9	•6									1.8	6.0
SW	•1	.9	• 1	• 1							L	1.2	5.1
wsw	• 1	• 1	-1	• 2								.5	8.0
w	• 2	• 3	. 3	• 3				<u> </u>			Ĺ <u> </u>	1.2	7.9
WNW	• 4	. 1	• 1	• 1							L	•8	5.6
NW	• 3	. 8	• 1								<u> </u>	1.2	4.
NNW	• 5	1.0	• 3	• 2								2.0	5 . :
VARBL													
CVFW	><	><	><	$\geq <$	><	$\geq <$	$\geq <$	$\triangleright <$	$\geq <$	$\geq <$	><	6.2	
	7.6	17.2	35.1	31.0	2.9							100.0	8•

TOTAL NUMBER OF OBSERVATIONS 930

#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WFATHER

CONDITION

CONDITION

HILL AFB/DGUEN UTAH

STATION HAME

ALL WFATHER

CONDITION

CONDITION

DCT

HOUTH

060-70,73-77

VEARS

HOUTH

HOUTH

CONDITION

SPEED (KHTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
И	1.0	1.1	1.2	•6	•1		i					4.0	7.4
NNE	•3	.3	•1	•1			<u> </u>					•9	5.6
NE	•3											•3	2.3
ENE	•1			•2							i	•3	9.3
ŧ	1.6	1.5	3.2	5,3	1.0	•1		1			İ	12.7	10.2
ESE	1.0	6.2	18.9	25,4	2.8		1				i	54.3	10.8
SE	.8	2.4	1.2	1.0	.1		i		ļ		<u> </u>	5.4	7.3
SSE	•2	1.3	•8	•2	,			1	1			2.5	6.6
\$	•11	.8	2.8	3.4	•6							7.7	11.1
SSW	•1	.4	•1	•1						i		•8	5.9
SW		.1	•1				1					•2	7.0
WSW			• 4						1	ì		.4	8.0
w	•1	• 5	• 2	• 2							1	1.1	7.1
WNW	1	.2	• 2	•4								1.0	8.6
NW	.31	.4	•2	•1				1	1	<del>                                     </del>		1.1	6.0
WWW	.4	1.0	•5	•3				1				2.3	6.0
VARBL							1	1			1		
CALM	$\geq \leq$	$\times$	$\times$	$\times$	$\geq$	$\times$	$\geq$	$\times$	$\times$	$\times$	><	5.2	
	6.5	16.2	30.0	37.4	4.6	• 1						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 930

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### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB	JOGDEN UT	AH			66-70	73-7	7					DCT
STATION		STATION	MAME						YEARS				MTMOM
				AL	L WEAT	HER							0900-1100
					CLASS								HOURS (L.S.T.)
					CONDITION								
ı			<del></del>				<del></del>						
	SPEED				ı					1	I	ll l	MEAN

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.1	1.1	2,7	•6	.2					i		5.7	7.
NNE	, 9	• 2	•1									1.2	3.
NE	• 3	.3						T				•6	3.
ENE	•4	.9										1.3	4.
E	2.4	3.7	4.4	3.8	1.0							15.2	8.
ESE	2.0	6.9	14.4	10.3	.5							34.2	9•
SE	1.0	1.4	•9	• 5	.1							3.9	6.
SSE	.5	1.3	1.4	• 3								3.5	6.
S	1.4	1.7	4.0	4.2	1.6	• 2						13.1	10.
SSW	•6	1.5	•8	•4	• 2	• 1						3.7	7.
sw	.3	.9	• 2									1.4	4.
wsw	.4	.3										•8	3 •
w	•6	.4	•6	1.0	.1							2.8	8 •
WNW		•2	• 3	•1								•6	8.
NW	.8	. 5	• 8	•1								2.2	5.
NNW	.5	1.3	1.2	• 5								3.5	7.
VARBL													
CALM	><	> < 1	><	><	><	> <	><	$\supset <$		$\supset \subset$	> <	6.3	
	13.3	22.6	31.7	21,9	3.8	. 3						100.0	7.

TOTAL NUMBER OF OBSERVATIONS 930

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/UFDEN UTAH	7ر70~66	'3 <b>-</b> 77	UCT
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		1200-1400
		CLASS		HOURS (LST.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.8	3.1	2.4	•9					1	1		8.2	6.0
NNE	1.3	•6	• 3									2.3	3.9
NE	•6	. 3										1.0	3.0
ENE	•5	. 3										•9	3.1
E	•6	. 8	1.4	•6								3.4	7.6
ESE	•6		• 2	• 2		<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>	1.1	5.5
SE	• 3	•2	•2	•1			<u> </u>					•9	5.4
\$SE	• 5	. 8	•4	•1				<u> </u>				1.8	5.2
<u> </u>	2.2	3.7	4.5	2.8	1.3	.4					<u> </u>	14.9	9.2
SSW	1.9	3.3	3.7	1.3	.6							10.9	7.2
sw	3.0	2.6	1.2	• 3	.1			<u> </u>				7.2	5.0
WSW	2.0	1.6	1.8	,4				L		<u> </u>		5.9	5.7
w	1.2	3.4	1.7	• 5	.1			<u> </u>		<u> </u>	<u> </u>	7.1	6.5
WNW	2.6	2.6	•4	• 5			<u> </u>		<u> </u>	<u> </u>	<u> </u>	6.1	4.8
NW	1.5	2.8	1.6	• 3	.2					<u> </u>	<u> </u>	6.5	6.1
NNW	2.0	2.2	2.2	1.0	.1				<u> </u>			7.4	6.4
VARBL							Ļ	Ļ	Ļ	Ļ	Ļ,	<b></b>	
CALM	$\geq \leq$	$\geq \leq$	$>\!\!<$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	14,5	
	22.9	28.3	22.1	9,1	2.5	•5						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 929

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101 STATION	HILL AFB/OGDEN UTAH	66 <b>-</b> 70 <b>,</b> 73 <b>-77</b>	UCT
KOITATE	STATION NAME	YEARS	MONTH
		ALL WEATHER	1500-1700
		CLASS	HOURS (L.S.T.)
		CONDITION	
	•		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	3.2	4.5	2.2	1.2	•1							11.2	5.0
NNE	•8	.6	• 3					<u> </u>				1.7	4.
NE	•2	.3										•5	4.0
ENE	•1			•1								•2	8.0
Ε	•6	.3	•4	•5	.1			1	<del>                                     </del>			2.0	7.
ESE	.9	.4	•1	• 2								1.6	4.
SE	, 3	•2	• 2							i		•8	4.
SSE	•1	.8	1.1	•1						l		2.0	7.
\$	1.5	2.2	3.2	1.2	. 2							8.3	7.
SSW	1.5	2.7	1.3	• 5	• 1							6.1	6.0
sw	2.2	1.6	1.3	• 3								5.4	5 •
wsw	1.1	2.5	• 4		.1							4.1	4.0
W	2.6	4.5	1.8	•3								9.2	5.0
WNW	2.4	3.7	1.2	•3								7.5	4.
NW	3.8	4.5	1.1	• 3	.1							9.8	4.0
WNM	5.5	7.2	1.8	•5								15.1	4.
YARBL													
CALM	><	><	$\times$	><	><	$\times$	><	><	><	$\triangleright <$	><	14.4	
	26.7	36.0	16.5	5.7	.8							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

The state of the s

24101 HILL AFB/GGDEN UTAH 56-70,73-77 DCT

STATION STATION NAME

ALL WEATHER

CLASS

ROURS (L.S. 7.)

SPEED (KNTS) DIR.	1 - 3	4-0	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.8	2.4	1.6	•9						<del>                                     </del>	i	7.6	5.4
NNE	1.2	•4	•1							1		1.7	3.
NE	• 4	.2	•1	•1						l		•9	4.
ENE	• 3	•2										•5	2.8
Ε	3.1	2.3	•6	• 8			ļ — —					6.9	5.0
ESE	3,7	6.1	2.2				j			J	<u> </u>	11.9	4.8
SE	2.5	2.7	•4									3.6	3.6
SSE	1.1	2.3	1.2	,3				i –	1			4.8	5.8
S	1.6	3.4	2.5	1,3	•3	•1	1					9.2	7.4
SSW	•9	•2	•6	•1						<u> </u>		1.8	5.
sw	• 8	•3	•2	•1			1	i			l	1.4	4.
wsw	•1	.4		•1						l		•6	5•
*	1.7	1.2	•1	•1	• 1		T					3.2	40
WNW	1.4	•6	•1			•			1			2.2	3.2
NW	1.7	1.4	•5	•1			<u> </u>					3.8	400
NNW	4.0	2.9	•3									7.2	3.4
VARBL									·		·		
CALM	><	$\times$	$\times$	$\times$	$\times$	$\times$	$\times$	$\boxtimes$	$\boxtimes$	$\boxtimes$		30.5	
	27.2	27.1	10.6	3.9	.5	.1						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

930

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/DGDFN UTAH	66-70,73-77		DCT
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		2100-2300
		CLASS		HOURS (L S T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.2	2.0	1.2	• 8						<b></b>		5.2	6.0
NNE	•5	•4	•1	•2							i	1.3	5.8
NE	• 5	•4	•1									1.1	4.4
ENE	• 4	•1	•2	•2	.1					i —		1.1	8.4
ε	1.8	2.4	2.0	1.0	•4							7.6	7.0
ESE	4.5	16.3	20.2	3.3	•1							44.5	6.9
SE	1.9	5.3	1.4	•2						i		8.8	5.0
SSE	1.1	1.6	•2	•3						I — —		3.2	5.4
\$	• 3	3.2	3.7	2.0	•4	•1						9.8	8.7
SSW	. 1	.3	•2	•6								1.3	9.1
SW	.3		•1		.2							•6	8.5
WSW		•2		•1								•3	7.3
w	• 3	.3	•1	•1								.9	5.1
WNW	•1	.3	•2									•6	5.3
NW	.4	• 2	• 3	• 1								1.1	5.7
NNW	• 3	.8	• 5	• 2								1.8	6.4
VARBL								1		1			
CALM	$\searrow$	> <	$\times$	$\times$	$\geq$	> <	$\boxtimes$	$\geq$	$\boxtimes$	$\times$		10.8	
	14.0	34.0	30.6	9.2	1.3	•1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

930

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#### SURFACE WINDS

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#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101 HILL AFB/UGDEN UTAH 66~70,73~77 OCT

STATION STATION MARE ALL WFATHER ALL

CLASS HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.7	2.1	1,6	•7	•1							6.1	6.0
NNE	.7	•5	•1	•0								1.3	4.3
NE	• 4	•2	•1	•0								•7	4.0
ENE	• 3	.3	•1	•1	•0							.7	6.3
E	1.5	1.6	2.2	2.3	.5	• C						8.1	8.7
ESE	2.1	6.4	13.6	9.1	.7							31.9	9.0
SE	1.0	2.1	_ •9	• 5	•0							4.6	5.9
SSE	•6	1.2	• 9	• 2	•0							2.9	6.3
5	1.0	2.2	3.5	2.6	•7	• 1						10.2	9.3
SSW	•7	1.2	1.0	• 4	.1	•0						3.6	6.9
sw	.9	.8	9.4	•1	• 0							2.3	5.2
wsw	.5	•7	• 3	• 1	•0							1.6	5.4
w	.9	1.4	•6	• 3	.1	• 0						3.3	6.0
WHW	•9	1.0	•3	• 2			L	L				2.4	5.1
NW	1.2	1.4	•6	• 1	.0							3.3	5.0
NNW	1.7	2.2	• 9	94	•0							5.2	5.2
VARSL								I					
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\times$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq$	$\geq \leq$		11.8	
	16.0	25.1	27.3	17.3	2.2	. 2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_7439

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/DGDEN UTAH	66-70,73	3-77	NOV
STATION	STATION NAME	•	YEARS	MONTH
		ALL WEATHER		0000-0200
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•7	.9	•7	•2								2.4	5.9
NNE	.4	.3										3.	3.3
NE	.3	•1										•4	3.3
ENE	•6							T		1		•6	2.0
Ε	1.1	1.9	3.3	•6	.1							7.0	7.0
ESE	2.4	9.7	21.4	8.7	.7	• 2						43.1	8.5
SE	1.3	2.6	1.4	•2								5.6	5.5
SSE	1.6	2.2	1.9	• 8					i			6.4	6.2
S	1.2	2.6	4.7	3.4	•6	.3				I		12.8	9.3
ssw	•6	•7	.3	•6								2.1	7.2
sw	•1	.3	•1									•6	5.0
wsw	•1	.1										•2	3.5
w	. 1	•1	• 1	•1								.4	8.3
WNW	• 2	.2	•1									•6	5.0
NW	•6	1,1	• 4	• 1								2.2	5.4
NNW	.9	1.6	•9	• 2								3.6	5.8
VAR8L													
CALM	><	> <	><	$\times$	> <	$\geq <$	$\geq \leq$	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq <$	11.2	
	12.2	24.3	35.4	14.9	1.3	ن د						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 900

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/OGDEN UTAH	66-70,73-77	уои
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	0300-0500
		CLASS	HOURS (L.S.T.)
		CONDITION	-

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 -747	48 - 55	≥56	*	MEAN WIND SPEED
N	1.1	6.6	•6	•2	.1							2.8	5.8
NNE	•6	•2										•8	2.9
NE	•2											•2	2.5
ENE	• 1											•1	2.0
E	1.2	2.3	2.8	1.7	.4							8 • 4	8.0
ESE	1.2	6.8	20.9	15.1	. 8				Ì			44.8	9.6
SE	1.4	2.7	1.8	•7								6.6	6.0
SSE	•6	1,9	1.4	• 2	. 1				i			4.2	6.4
\$	1.0	2.3	4.4	4.0	•7							12.4	9.7
SSW	.2	.7	•7	• 2	•2							2.0	8.2
SW	. 1	• 1	• 1	• 3				L				.7	9.0
W:W	•2	-,1										•3	3.7
*	•2	.3	• 2									.8	4.9
WNW	•2	•6	• 2	•1								1.1	5.8
NW	1.0	. 8	• 3				L					2.1	4.1
NNW	1.3	•6	•7	•4								3.0	5.7
VARBL													
CALM	$\geq \leq$	$\ge$	$\ge$	$\times$	$\geq \leq$	$\geq \leq$	$\geq$	$\geq$	$\geq \leq$	$\geq \leq$	><	9.7	
	10.8	20.1	34.1	23.0	2,3							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 900

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB'UGDEN UTAH	66-70,73-77	NOV
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	0600-0800
		CLA16	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•7	1.6	1.0	•3								3.6	6.0
NNE	.4	•1										•6	2.4
NE	• 1	- 4										•6	4.2
ENE	•2	.1										•3	3.0
E	.7	2.2	4.2	2.8	.4			T				10.3	9.2
ESE	1.9	7.3	18.8	17.8	•9							46.7	9.7
SE	.9	2.2	1.1	_•8								5.0	6.6
SSE	1.0	1.2	1.4	• 2	.1							4.0	6.2
\$	1.7	2.7	3.7	2.7	.6							11.2	8.5
ssw	•7	.9	•6	• 4	• 1							2.7	7.0
sw	.3	.2	•1		• 1							• 8	6.1
wsw		.1	• 1	• 1								• 3	9.0
W	• 2	. 3	• 1	• 1	,2							1.0	8.1
WNW	• 1		•4							· .		•6	7.0
NW	• 1	.4	• 4									1.0	6.3
NNW	•6	1.0	• 2	•7								2.4	7.1
VARBL													
CALM	$\times$	$\geq <$	><	$\times$	><	$\times$	$\geq <$	><	><	$\supset \subset$	$\mathbb{X}$	9.0	
	9.6	20,9	32.2	25.9	2.4							100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 900

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### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HIFF	AFB/UG	DEN UT	AH			66.	-70,73	-77				N	ιυγ
STATION			STATION	NAME						YEARS			·	ONTH
						ALL W	EATHER						0900	-1100
		-					LASS						HOUA	(L.S.T.)
							IDITION				<del></del>			
											<del></del> ,			
								,	·	,			<del>,</del>	
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	.8	1.3	•7	•3		<del> </del>		<b> </b>				3.1	5.8
	NNE	• 3	• 1										•4	2.5
	NE		.3	• 1									•4	6.3
	ENE	•2	.2	•1	•2		1						•8	7.3
		- 31		4.1		. 2		<del> </del>	1	1	1		10.6	

DIR.			1					ļ	İ	ļ	1		SPEED
N	.8	1.3	•7	• 3				1				3.1	5.8
NNE	• 3	•1			,							•4	2.5
NE		.3	• 1									• 4	6.3
ENE	.2	• 2	•1	• 2						T		•8	7.3
E	• ઇ	2.2	4.1	2.9	.3	• 2						10.6	9.1
ESE	2.1	7.8	16.7	10.0	.4							37.0	8.8
SE	1.1	1.1	• 9	•1	• 1							3.3	5.8
SST	1.1	1.6	1.3	• 6								4.6	6.2
5	1.7	2.8	4.6	4.0	1.2	•3						14.6	9.7
SSW	1.1	1.4	• 4	•6								3.6	6.0
sw	. 3	.4	• 2									1.0	5.0
W\$W	• 2	.3	,4	•1	.1					i		1.2	7.5
W	•6	.7	•6	+6								2.3	6.8
WNW	•6	.2	+8	•1								1.7	5.9
NW	• 2	1.1	, 4									1.8	5.6
MNM	.8	1.0	• 7	1.1								3.6	7.8
VARBL													
CALM	$\geq$	$\times$	$\times$	$\times$	$\times$	$\times$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	10.1	
	11.9	22.7	32.0	20.6	2.2	. 6						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 900

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/BGDEN UTAH	56-70,73-	77	NOV
STATION	STATION MANE		YEARS	NONTH
		ALL WEATHER		1200-1400
		CLASS		HOURS (L.S.T.)
		COMDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	×	MEAN WIND SPEED
N	2.7	2.1	• 8	•2			٠,			<u> </u>		5.8	4.5
NNE	.4	.3							1			.8	3.6
NE	1.0	• 3	• 2									1.6	3.4
ENE	• 2	• 2	•1									•6	5.0
E	1.0	.9	1.2	1.1	.4	•1						4.8	9.1
ESE	2.6	1.8	1.9	• 3								6.6	5.3
SE	1.0	.7	•9	•2				1				2.8	5.1
SSE	1.4	. 8	1.0	•7								3.9	5.9
5	3.2	4.2	4+8	5.2	1.4	• 6						19.4	9•3
SSW	1.9	2.7	2.7	•3	•1							7.7	5.5
SW	1.8	2.3	1.0	•4	• 1							5.7	5.4
wsw	• 4	1.1	• 7	•1						1		2.3	5.5
w	1.0	1.4	1.2	• 8								4.4	6.6
WNW	1.4	1.1	, 4	• 3								3.3	4.9
NW	1.3	2.0	1.2	• 6	.1	• 2						5.4	6.8
NNW	1.6	3.4	1.3	96	•2							7.1	6.1
VARBL								1		<u> </u>			
CALM		> <	> <	$\times$	><	$>\!\!<$	$\supset \subset$		$\supset <$	$\supset <$		17.9	
	23.0	25,4	19.4	10.9	2.4	,9						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 900

NNW

VARBL

CALM

C

C

### SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4101	HILL	AFB/GG	DEN UT	TAH			66-	.70,73	-77					ΙΟν
STATION			STATION	HAME						FEARS				NTRO
		•				ALL WE	ATHER						1500	-1700
							Ats				<del></del>		HOUR	(L S.T.)
						COM	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	2.2	2.9	1.2	•1				<del></del>				6.4	4.9
	NNE	•9	•1										1.0	2.4
	NE	•4											.4	2.5
	ENE	• 2		• 2	•1								•6	7.0
	E	•4	• 9	1.1	•7	-1							3.2	8.3
	ESE	.8	• 4	•6	•4						i		2.2	6.3
	SE	•7	.9	•6						i			2.1	4.8
	SSE	1.4	1.4	1.3	• 2				<del></del>				4.4	5.4
	S	1.0	3.8	5.0	4.3	•2							14.3	8.8
	\$5W	1.6	3.3	•8	•1	•1			1				5.9	5.2
	sw	1.8	1.8	•7						<u> </u>			4.2	4.3
	wsw	1.1	1.2	•6	•1								3.0	4.7
	w	2.3	2.0		•4				1				5.1	4.5
	WNW	1.1	1.3	•3	• 1				.1				3.0	5.6
	Amar	2.6	2.4		. 3				1	<del> </del>			0.0	4.5

. TOTAL NUMBER OF OBSERVATIONS

900

11.0

23.1

100.0

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1.3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	3.6	3.2	•4	•3			·	l				7.6	40
NNE	1.3	.4		•1				l				1.9	3.
NE	• 4	.1										.6	2.0
ENE	• 3	.2		•1								.7	4 .
E	2.0	1.3	1.0	1.3				l	T	i -		5.7	6.4
ESE	2.7	4.9	2.7	•6								10.8	5 .
SE	2.0	2.0	•4				ļ —					4.4	4.0
SSE	2.0	3.8	1.3	• 2	•1			T	1	T		7.4	5.
\$	2.0	3.4	4.1	2.2	.6			i	i			12.3	7.1
SSW	•6	1.3	• 4	•1								2.4	5 •
sw	.2	•1	• 2							<u> </u>		.6	5 •
wsw	•2	•2		•2								.7	6.
w	• 3	•3	• 3									1.0	4.
WNW	•7	.7	•1									1.4	3.
NW	1.2	.9	1.0	• 3				l				3.4	6.
NNW	2.7	2.7	•7	•2								6.2	40
VARBL									1				
CALM	$\supset <$	> <	$\times$	$>\!\!<$	$\geq \leq$	$\times$			$\supset <$		> <	32.9	
	22.2	25,7	12.8	5,8					l			100.0	3.

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/OGDEN UTAH	66-70,73-7	NOV	
STATION	STATION NAME		YEARS	HTHOM
		ALL WEATHER		2100-2300
		CLASS		HOURS (L S.T.)
		KOITIGHOS		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
н	1.3	1.8	•6	•4								4.6	5.0
NNE	.8	•4	•2	•1						T		1.6	4.4
NE	i		•1									•1	8.0
ENE	•4	,3								i		•8	3.4
Ε	1.9	1.8	3.0	1.1	.4		1			i		8.2	7.2
ESF	4.0	11.8	12.9	1.8					T	T		30.4	6.7
SE	2.1	3.3	2.1	•2					T	<u> </u>		7.8	5.3
SSF	1.7	3.7	1.2	•4					1	Î -		7.0	5.6
s	1.6	4.1	4.9	2.8	. 8			i	1			14.1	8.2
SSW	,3	.9	• 3		•1			1				2.1	5.4
sw		•2	•1	•1					1			.4	7.3
wsw	•1	• 2		•2					1	1		•6	7.0
w	•1	.1	•4	•1						1		•8	8.3
WNW	•6	.3	•2						T			1.1	4.6
NW	•7	1.2	•1	•3						i		2.3	5.4
NNW	1.0	2.0	1.1	•1	.1		ĺ					4.3	5.7
VARBL					ĺ			T	1		1		
CALM	$\supset <$	$\times$	$\supset <$	><	$\supset <$	$\supset <$		$\supset$	$\supset <$			13.8	
	17.4	32.2	27,3	7.8	1.4							100.0	5,6

TOTAL NUMBER OF OBSERVATIONS 900

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101 HILL AFB/DGDEN UTAH 66-70,73-77 NOV

STATION STATION HAVE

ALL WEATHER

CLASS NOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.8	•7	• 3	•0							4.5	5.0
NNE	•7	.3	•0	• ()								1.0	3.3
NE	.3	.2	• 1									• 5	3.6
ENE	• 3	•1	•1	•1								•5	4.7
E	1.1	1.7	2.6	1.5	,3	•0						7.3	8.1
EŞE	2.2	6.3	12.0	6.8	3	•0						27.7	8.5
SE	1.3	1.9	1.2	• 3	0.							4.7	5.5
SSE	1.3	2.1	1.4	• 4	•0							5.2	5.8
\$	1.7	3.2	4.5	3.6	•7	• 2			<u> </u>			13.9	8.9
SSW	.9	1.5	• 8	• 3	• 1							3.6	6.0
sw	•6	7	• 3	• 1	•0							1.7	5.3
wsw	• 3	.4	• 2	•1	•0							1.1	5.8
W	,6	. 7	• 4	• 3	0							2.0	6.0
WNW	• 6	. 6	• 3	• 1				.0				1.6	5.2
NW	1.1	1.6	•6	• 2	.0	•0						3.5	5.4
NNW	1.5	2.2	• 9	• 5	.1							5.2	5.8
VARBL													
CALM	><	$\times$	$\times$	X	$\times$	$\times$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq$	$\times$	16.0	
	16.2	25.2	26.1	14.6	1.7	. 3		.0				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 7200

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/OGU	EN UTAH	66-70,73-77						DEC
STATION	•	STATION NAME				YEARS			MORTH
			ALL	WEATHER					0000-0200
				CLASS					HOURS (L S.T.)
				CONDITION			<del></del>		

SPEED (KNTS) DIR,	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.1	1,2	.8							1		3.0	4.
NNE	• 3	.3										•6	2.
NE	• 3	•2										•5	3.
ENE	• 5	.3		• 1								1.0	4.
E	1.0	1.3	2.5	1.2	•1	•1	•1					6.2	8.
ESE	3.7	8.2	12.0	5.8	.3	• 3	• 3					30.6	8.
SE	1.4	3.7	1.9	1.7	• 1							8.8	7.
SSE	• 9	2.0	•9	•4	.1							4.3	6.
\$	1.4	2.9	4.3	3.9	1.5							14.0	9.
SSW	1.3	1.1	• 9	• 6								3.9	6.
sw	.8	1.1	• 4	•1					L			2.4	4.
wsw	•2	•6	•1	• 1	.1							1.2	6.
w	• 2	, 5	•4	•2	. 1					L		1.5	7.
WNW	.2	.3		• 2								.8	7.
NW	•1	.3	• 2	• 2						<u> </u>		•9	7.
NNW	1.1	1.1	• 3	•1			L					2.6	4.
VARBL							L		<u> </u>				
CALM	$\geq <$	><	$\nearrow$	><	><	$>\!\!<$	$\geq \leq$	$\geq <$	><			17.7	
	14.4	25.2	24.7	14.7	2.4	. 4	.4					100.0	6.

TOTAL NUMBER OF OBSERVATIONS 930

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#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101 HILL AFB/OCDEN UTAH

STATION

STATION

ALL WEATHER

CONDITION

CONDITION

DEC

MORTH

9300-0500

ROURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	.9	• 5									2.7	4.6
NNE	•1	.3										• 4	4.
NE	•2	• 2							{			•4	3•
ENE	• 3	.2	•1									•6	4.
Ε	1.0	1.9	2.5	2.2	.4	• 2						8.2	9.2
ESE	2.3	5.5	14.2	10.8	.9		• 4					34.0	9.4
SE	2.0	3.7	2.8	2.3	.1							10.9	7.
SSE	• 8	1.7	• 5	•2		. 1						3.3	6.
5	1.2	3.7	2.7	2.2	1.2	• 2						11.1	9.0
ssw	•4	1.0	• 9	•9	.2							3.3	8 • ∶
sw	• 3	1.0	• 3	• 2								1.8	6 • 6
wsw	.4	- 4	• 3	•1	.1							1.4	6.0
w	•1	.5	1.0	•6		• 1			<u> </u>	<u> </u>		2.4	9.0
WNW	•6	.3	•1	•1								1.2	4.
NW	• 1	.3	• 5									1.0	7.0
NNW	• 4	•6	• 2									1.3	4.
VARBL													
CAIM	$\times$	><	><	$\searrow$	><	><	><	><	><	><	><	16.0	
	11.6	22.3	26.7	19.5	2.9	•6	.4					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101 STATION	HILL	AFB/O		JTAH				6	6-70	73-	77	YEARS			 	DEC
STATION		_		104 4446		A	LL	WEATHE	R				 			0-0800
		-			·			CONDITION					 <del></del>			
,															 n	· <del>r · · · · · · · · · · · · · · · · · ·</del>
	SPEED		i		i	ł			-	!		!		1		MEAN

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•4	1.0	.4	•3								2.2	6.2
NNE	•4	.5										1.0	3.2
NE	• 1	•1										•2	3.5
ENE	•3	•1	• 2									•6	5.2
ε	1.3	1.1	1.9	2,4	. 5	• 2						7.4	10.0
ESE	1.5	5.9	12.5	14.6	1.4	.3	• 3	. 1				36.7	10.3
SE	2.5	3.3	1.4	2.3								9.5	6.7
SSE	1.1	1.8	1.0	• 3	, 1				<del></del>			4.3	6.0
5	1.4	3.1	3.3	2,0	1.0	•2				T -		11.1	8.9
ssw	•4	1.1	1.1	•1	.3							3.0	7.5
sw	•2	.4	•2	•2								1.1	6.6
wsw	•5	.9	•3	•1								1.8	4.9
w	•4	.3	• 4	• 3	.2					i –		1.7	9.1
WNW	•4	•2	1.0									1.6	6.6
NW	•5	1.2	• 2									1.9	4.3
иим	.2	.9	•3	•1						1		1.5	5.8
VARBL										<del>                                     </del>			
CALM	><	> <	$\times$	$\times$	$\times$	$\times$	$\times$	>	$\boxtimes$	$\geq$		14.4	
	11.8	21.9	24.3	22.8	3.5	. 8	• 3	. 1				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101 HILL AFB/OGDEN UTAH 66-70,73-77 DEC

STATION STATION HAME
ALL WEATHER O900-1100
COMBITION

COMBITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.5	•6	• 3	.1							3.5	6.0
NNE	.3	.4	• 3	•1								1.2	6.0
NE	,2	•2		•1								•5	5.8
ENE	.2	• 2	•1									• 5	5.0
E	2.0	,9	3.1	3.0		• 3	•1					9.5	9.2
ESE	1.5	6.6	11.1	10.8	.8	• 3	• 2					31.2	9.6
SE	1.2	3.1	2.5	1.4	.2					i		8.4	7.1
SSE	1.0	2.0	• 5		.2							3.8	5.7
5	1.1	2.8	4.4	3,1	.9	• 1						12.4	9.2
SSW	• 5	1.6	1.6	•2	.6							4.6	8 - 1
sw	.6	1.2	• 3	•1								2.3	5.1
wsw	•1	•3	•1	•2						i		• 8	7.3
w	• 1	. 8	• 3	•5					1			1.7	7.9
WNW	• 2	.5	• 1	•2								1.1	6.5
NW	.5	.5	•1	•2								1.4	5.5
NNW	9	•4	1.1	• 4					1	T		2.8	6.9
VARBL									T	1			
CALM	><	> <	>	><	> <	$\times$	$\geq$	$\geq$	$\geq$	$\geq$		14.4	
	11.5	23.1	26.3	20.8	2.8	• 8	•3					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS Q3

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/DGDEN UTAH	66 <b>-70,73-77</b>	DEC
STATION	STATION HAME	YEARS	MUNTH
		ALL WEATHER	1200-1400
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.4	1.8	1.2	•4								5.8	5.5
NNE	•8	•4	• 1								i	1.3	3.8
NE	•3	•2										•5	2.6
ENE	•3		•2									•5	4.4
E	1.0	1.9	1.2	•8		•1	• 5		1		_	5.5	9.1
ESE	2.0	3.4	4.9	1.6		•1	•1					12.3	7.5
SE	1.2	2.2	•6	•3						i -		4.3	5.4
SSE	.9	1.8	1.1	•1								3.9	5.8
S	2.2	4.0	4.9	2.7	1.1	• 2						15.1	8.6
SSW	1.6	4.4	2.4	•5	.3	.1						9.4	6.5
SW	1.1	2.2	<b>,4</b>	•1					•			3.8	4.6
wsw	.9	.6	•3		•1							1.9	5.0
w	1.1	1.4	1.0	,3	.1							3.9	5.9
WNW	.4	.6	•5	,1	•2							1.9	7.4
NW	1.0	1.1	1.2	•1						1	1	3.3	5.7
NNW	1.6	2.2	1,2	•3	•1						i	5.4	5.6
YARBL											·		
CALM	><	$\times$	$\times$	$\times$	$\times$	$\times$	$\geq <$	$\geq \leq$	$\geq$	$\geq \leq$		21.3	
	18.6	28,3	21.3	7.4	1,9	. 5	,6					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/DGDEN UTAH	66-70,73	-77	DEC
STATION	STATION HAME	·	YEARS	нтион
		ALL WEATHER		1500-1700
	<del></del>	CLASS		HOURS (L S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.9	3.0	1.5	•5				i				8.0	5.2
NNE	•4	•4	• 3							1	i	1.2	5.2
NE	•3	•2						1	1		İ	•5	3.2
ENE	•4	-1							1	<del></del>		•5	2.2
E	1.5	.6	•9	,2	•1	•3	•2				<u> </u>	3.9	8 • •
ESE	1.4	1.4	2.2	•4		•1		i — — —	·	i	i	5.5	6.8
SE	1.3	•3	• 8							<del>                                     </del>		2.4	4.6
SSE	1.6	2.0	•9	•4				i	1			5.0	5,
S	2.5	4.6	4.7	2.6	•3	•2				i	i	15.0	7.6
ssw	2.3	2.3	•9	•9	•2			<del></del>		<del></del>		6.5	6.1
SW	1.2	1.1	•4					I	1			2.7	4.3
wsw	2.2	.8	•2	•1								3.2	3.
w	1.7	1.4	•6	•4								4.2	5.1
WNW	2.2	1.5	•6						l			4.3	4.1
NW	1.5	1.7	1.2	•2						i	i	4.6	5+3
NNW	2.6	2.5	1.2	•4	.1				T	<del>                                     </del>		6.8	5.2
VARBL										l —			
CALM	><	$\ge $	$\geq \leq$	$\geq \leq$	$\times$	$\geq \leq$	$\geq \leq$	$\geq$	$\geq$	$\geq$	$\geq$	25.8	
	25.9	24.0	16.4	6.2	.8	.6	• 2					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

929

USAFETAC FORM SUL 64 0-8-5 (OL-A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLUTE

#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/UGDEN UTAH	66-70,73-	77	DEC
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		1800-2000
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.5	1.5	• 3	.1	•2			<u> </u>			5.2	6.6
NNE	.9	.6	•1									1.6	3.4
NE	•2	.41										•6	3.8
ENE	•4	.3	•2	•1								1.1	5.
Ε	1.4	1.3	1.6	• 4		.4	•2		1		i	5.4	8.4
ESE	2.6	4.4	3.1	1.3		•2	•1					11.8	6.5
SE	1.9	2.8	1.4	•1								6.3	4.6
SSE	2.4	3.2	1.3	•1								7.0	4.9
5	1.8	6.4	5.0	2.3	.1				Ì			15.5	6.9
SSW	.3	1.6	1.4	1.1								4.4	7.0
SW	•2	.5	•2									1.0	5.
wsw	•5	• 5	•1	•1								1.3	40
w	•3	.4	•2									1.0	40
WNW	•2	.5	•3	•2	.1							1.4	7.
NW	-5	.5	•2	•1								1.4	5
NNW	1.5	1.3	•4	•2								3.5	4.8
VARBL													
CALM	$\sim$	> <	> <	$\supset \subset$	> <	$\supset <$	> <	> <	$\supset <$	$\supset <$		31.6	
	16.8	26,5	17.2	6.4	,3	<u> </u>	•3	-				100.0	4.

SHOTAL NUMBER OF OBSERVATIONS

927

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM +>E OBSOLETE

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#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/UGDEN UTAH	66-70,73-77	DEC
STATION	STATION HAME		YEARS MONTH
		ALL WEATHER	2100-2300
		CLASS	HOURS (L.S.T.)
	<del></del>	CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.4	•5	•1	.1					T		3.6	4.8
NNE	•5	.4						1				1.0	3.3
NE	•4	•1			-							.5	3.2
ENE	•3	.2	•1						Ĭ	Ĭ		•6	4.3
E	.9	1.7	1.7	1.3	•1	• 5	•1	1				6.4	9.3
ESE	4.2	6.9	7.4	3.0		• 2						21.8	6.9
SE	2.7	3.2	1.4	1.7	•1	•1			<del>                                     </del>	i		9.3	6.5
SSE	2.6	4.0	•6	•4						1		7.7	4.6
5	2.0	5.5	3.5	2.8	.4	<del></del>		1		1		14.2	7.5
ssw	•6	2.0	2.0	•4				1				5.2	6.6
SW	•5	.9	• 3	•3	.1	<del></del>		<u> </u>	1	1	1	2.2	5.5
wsw	•1	.4	•1		<del><u>-</u></del>	<del></del>			1	1		•6	4.3
w	. 2	.9	• 5	•1	.1				T			1.8	7.1
WNW	• 3	.4	• 3			<del> </del>	<u> </u>	1	<del> </del>	<del>                                     </del>	<del>                                     </del>	1.1	5.0
NW	.6	. 8	•2	•1		<del>                                     </del>		<del>                                     </del>				1.7	4.7
NNW	• 9	.6		•1				1	1		<del>                                     </del>	2.2	5.4
VARBL			- ,,,	**		<del> </del>	<del> </del>	<del>                                     </del>	1	<u> </u>	<del>                                     </del>		
CALM		> <	>	> <	> <		>	$\geq$	$\geq \leq$			20.2	
*********	18.4	29.6	19.4	10.5	1.0	.9	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 927

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/UGDEN UTAH	66-70,73-77	DEC
ROTATION	STATION NAME	YEARS	менти
		ALL WEATHER	ALL
		CLA96	HOUPS (L.S.T.)
		CONDITION	<del></del>

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
ы	1.5	1.5	• 9	• 3	•0	• ()						4.2	5.5
NNE	•5	.4	•1	•0								1.0	4.1
NE	• 3	• 2		•0								• 5	3,6
ENE	• 4	•2	• 1	•0								.7	4.5
E	1.3	1.3	1.9	1.4	.2	• 3	•2					6.6	9.1
ESE	2.4	5.3	8.4	6.0	.4	•2	• 2	•0			1	23.0	8.8
SE	1.8	2.8	1.6	1.2	.1	• 0						7.5	6.5
SSE	1.4	2.3	• 8	• 3	.1	•0						4.9	5.4
S	1.7	4.1	4.1	2.7	.8	1				<u> </u>		13.5	8.3
SSW	.9	1.9	1.4	•6	.2	.0						5.0	7.0
sw	•6	1.0	• 3	•1	.0							2.1	5.2
wsw	•6	•6	• 2	•1	0 0							1.5	5.0
w	• 5	. 8	• 6	• 3	•1	.0						2.3	6.9
WNW	•6	.6	•4	•1	•0							1.7	5.7
NW	.6	.8	• 5	•1								2.0	5.4
NNW	1.1	1.2	,7	• 2	•0					<u> </u>		3.2	5.3
VARBL										<u> </u>		1	
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		20.2	
	16.1	25.1	22.0	13.5	2.0	.7	.3	.0				100.0	5.9

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24101	HILL AFB/UGDEN UTAH	66-70,72	3-78	ALL
MOITATE	STAYION NAME		TEARS	Menta
		ALL WEATHER		ALL
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNT3) CIR,	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.5	2.3	1.3	• 5	.1	•0	٥٥					5.7	6.0
NNE	•6	.6	+2	•0	.0							1.3	4.3
NE	.4	.3	•1	•0	•0	• 0						•9	4.3
ENE	.4	.3	• 2	• 1	•0	• 0	•0					1-1	6.5
E	1.1	1.7	2.4	2.1	.4	• 1	•0	•0				7.9	9.2
ESE	1.6	5.5	11.9	9.2	.7	• 1	•0	•0				29.1	9.3
SE	1.1	2.1	1.3	• 5	•0	•0	•0					5.1	6.2
SSE	.8	1.7	1.2	• 4	• 1	•0	•0					4.2	6.7
5	1.0	2,8	3.8	3.2	.9	• 2	•0					12.0	9.5
ssw	.7	1.5	1.2	•6	•1	•0		•0				4 • 1	7.3
sw	•6	1.0	+5	•2	.0	•0						2.3	6.2
WSW	.4	7	• 4	•2	.0	•0				<u> </u>		1.7	6.1
	.7	1.3	• 9	•3	• 1	•0				<u> </u>		3.2	6,4
WNW	.5	.9	• 5	• 1	•0	•0	•0	.0		l	<u></u>	2.2	5.9
NW	.7	1.3	• 7	• 2	•0	•0				<u> </u>		2.9	5.8
NNW	1.1	2.0	1+2	• 5	.1	•0	•0				<u> </u>	4.8	6.4
VARBL	1	i i								L	<u></u>	1	
CALM	$\geq \leq$	$\geq \leq$	$\times$	$\geq \leq$	$\geq \!$	$\times$	$\geq \leq$	$\sim$	$\times$	$\geq \leq$		11.5	
	13.1	25.9	28.0	18.3	2.7	• 5	•1	.0				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

8;630

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SPEED (KNTS) DIR.	: - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.0	3.0	2.5	1.6	•3	•0	•0					9.4	7.3
NNE	•9	.6	• 1								<del></del>	1.5	3.7
NE	.3	• 2	•0		•0							•6	4.5
ENE	• 4	•2	•0	•1	• 1							•7	5.3
E	1.3	1.4	• 8	• 3	• 2	•0						4.0	6.3
ESE	1.5	2.1	1.5	•9	• 2	ن•						6.2	6.8
SE	1.2	2.0	•6	• 1								3.7	4.6
SSE	1.3	2.2	1.5	•5	. 2		•0					5.7	6.5
\$	1.2	3.3	5•0	3.6	1.0	•1	•0					14.3	9.1
ssw	• 9	1.6	1.2	•4	.1							4.2	6.4
sw	.9	. 8	•6	• 2	• 1	• 1						2.7	6.7
wsw	.9	.7	,3	• 5	•0	•0						2.4	6.6
w	.9	1.1	1.1	• 9	• 2							4.2	7.6
WNW	•6	•7		•2	.1		•0			1		2.3	6.8
NW	.6	1.8	1.2	• 5	• 1	• 1						4.4	7.3
NNW	1.4	2.6	2.3	1.5	. 4	• 1	•0					8.3	8.0
VARBL													
CALM	><	$\geq \leq$	$\times$	$\geq \leq$	$\mathbb{X}$	X	$\times$	$\geq \leq$	$\geq$	$\geq <$	><	25.4	
	16.1	24.2	19,4	11.2	3,0	.5	•1					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 3627

USAFETAC  $_{\rm JUL~64}^{\rm FORM}$  0-8-5 (OL-A) previous editions of this form are obsolete

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

#### PART D

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#### CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- 2. By month all years and all hours combined
- 3. By month by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

#### EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING				. <del>-</del>			VIS	BILITY (ST	ATUTE MI	LES)						
(FEET)	≥ 10	€6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓	≥ 2	≥ 1 ½	≥ 1 1/4	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING	$\sim$									<b>X</b>						
≥ 1800 ≥ 1500					91.0										ļ	92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100.0

EXAMPLE #1 Read ceiling values independently of visibility under column at right headed  $\geq 0$ . For instance, from the table: Ceiling  $\geq 1500$  feet = 92.6%.

Ceiling  $\geq 500$  feet = 98.1%.

THE REPORT OF THE PARTY OF THE

- EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite  $\geq 0$ . From the table: Visibility  $\geq 3$  miles = 95.4%. Visibility  $\geq 2$  miles = 96.9%. Visibility  $\geq 1$  mile = 98.3%.
- EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling  $\geq$  1500 feet with visibility  $\geq$  3 miles = 91.0%.

#### ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0

Inus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.</p>

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of  $\geq$  1500 feet with  $\geq$  3 miles, subtracted from 97.4 read from the table at the intersection of  $\geq$  500 feet with  $\geq$  1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling  $\geq$  500 feet with visibility > 1 mile, but < 3 miles; or ceiling  $\geq$  500 feet, but < 1500 feet with visibility  $\geq$  1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

D - 3

S74-2996

## CEILING VERSUS VISIBILITY

HILL AFB/UGDEN UTAH

67-70,73-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CFILING							VIŞ	IBILITY STA	ATUTE MILI	ES.						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥2 ·	₹2	≥i	21'4	≥1	≥ ₁1	≥′•	≥ -	≥ 5 16	≥.	≥0
NO CEILING ≥ 20000	32.4 33.5	38.7 39.4				43.0	***	43.4		43.5 45.4	1	43.5 45.4	1			43.9 45.7
≥ 18000 ≥ 16000	34.2 34.3	. (		1	45.3 45.6	45.8 46.1	46.0 46.3	46.6	46.7	46.7		46.3				46.7 47.0
≥ 14000 ≥ 12000	35.4 36.9	43.4	45.1	45.4	48.8	47.3	44.6	49.8	49.9	49.9	49.9	47.8 49.9	49.9	49.9	50.2	50.2
≥ 9000	38.5 39.1	46.1	46.9	50.1	51.6	51.3 52.2	52.4	52.6	52.7	52.7	52.7	51.8 52.7	52.7	52.7	53.0	
≥ 8000 ≥ 7000	40.6	51.3	52.9	55.5	57.0	54.0 57.5	54.2 57.8	54.4 58.1	54.5 58.2	58.2	58.2	54.5 58.2	54.5 58.2	54.5 58.2	54.8 58.5	58.5
≥ 6000 ≥ 5000 ≥ 4500	48.1 53.4 56.3	62.0	64.3		68.4	62.9	63.2 69.5	69.8		69.9	63.5	63.5	69.9	69.9	63.9 70.2	70.2
≥ 4000 ≥ 3500	59.8 61.2	69.7	68.4 72.4 74.8	71.2 75.3 77.7	72.7 76.8 79.4	73.3	73.9 78.1	78.6		78.8	78.8	74.4	74.4			79.1
≥ 3000	63.1	74.5	77.8		82.8 85.1	80.0 83.4 85.7	80.6 84.2 86.6	84.7	84.9	84.9	84.9	81.4 84.9 87.5	81.4 85.1 87.6	81.4 85.1 87.6	81.7 85.4 88.0	85.4
≥ 2000 ≥ 1800	64.5	77.7	81.6	84.8	87.3	88.0		89.9	90.1	_	90.1	90.1	90.2	90.2		90.5
≥ 1500	64.7	78.3 78.6	82.4		88.5	89.7	90.3	91.3	91.6	91.6	91.6					92.0
≥ 1000	64.9	78.9	1	86.9	89.8	90.4	92.4	93.7	94.4	94.2	94.3	94.3	(		94.7	
≥ 800	65.1	79.0	83.5	87.0	89.9	90.5	92.5	94.1	94.8	95.1	95.3	95.3	95.5	95.5		95.8
≥ 600	65.1	79.0	,	87.0	89.9	90.5	92.7	94.4	95.3	95.5	95.7		95.9	95.9	96.2	96.2
≥ 400 ≥ 300	65.1	79.0	83.5	87.0	89.9	90.5	92.7	94.6	95.9	96.2	96.6	96.7	97.2	97.2		97.6
≥ 100	65.1		83.5	87.0	89.9	90.5	92.7	94.7	96.2	96.6	97.0 97.0	97.1	97.8	98.0		98.6
≥ 0	65,1	79.0	83.5	87.0	89.9	90.5	92.7	94.7			97.0		97.8		98.8	100.0

USAF ETAC 13164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM

### CEILING VERSUS VISIBILITY

24101

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C

HILL AFB/OGDEN UTAH

57-70,73-78

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY STA	ATUTE MILI	ES						
FEET	≥10	≥ه	≥5	≥ 4	≥3	≥2.	≥ 2	≥1	. ₁≤	≥;	≥ 34	≥ ,	≥ ;	25 16	≥.	≥0
NO CEILING	31.4 32.0	37.0 37.8		39.4 40.3	,	40.5 41.8	40.8 42.0				41.4 42.7	41.4 42.7		41.6 43.0	41.6 43.1	41.6 43.1
≥ 18000	32.2 32.3	38.1 38.2			42.2		42.5			43.1	43.2	43.1	43.1	43.4	43.5 43.7	43.5
≥ 14000 ≥ 12000	32.7 34.1	40.2	41.6		44.7	44.8	43.4	45.4	45.6	45.6	45.7			44.4	44.5	44.5
≥ 9000	37.8 39.6	46.0	47.4	47.0 48.8	50.5	48.8 50.6	51.1	51.4	51.6	51.6	51.7	49.9 51.7	51.7	52.0	50.3 52.2	52.2
± 8000 ≥ 7000	40.5	<u>30.0</u>	51.5		55.1	52.0 55.2	55.7	56.0		56.2	56.3	53.1 56.3	53.1 56.3	56.7	56.8	56.8
≥ 500°	47.2 53.5	54.4 61.8	63.9	57.6 65.7	67.5	67.7		60•5 68•6	68.8	68.8	68.9	60.9 68.9	60.9	69.2	61.3	69.4
≥ 4500 ≥ 4600 ≥ 3500	55.1 57.8 59.6	67.7	70.2	72.0	74.2	70.5	71.1	71.4	71.6 75.5	75.5	75.6	71.7 75.6	71.7			76.0
≥ 3500 ≥ 3000	62.8	70.2 74.3 77.3	77.8	75.5 79.8 82.8	81.9	77.8 82.2	78.5 82.9		83.4	83.4	83.5	79.1 83.5	79.1 83.5	79.5 83.9		84.0
≥ 2000	65.9	78.8	82.6	84.7	87.1	85.2 87.6 87.6	86.1 88.8 88.9				89.8			87.3 90.1 90.2	87.4 90.2 90.3	
≥ 1500	65.9 66.1	79.1	83.1	85.4 86.1		88.4	89.9 90.6	90.6		90.9 91.7	91.0	91.0 91.8	91.0 91.8	91.3	91.4	91.4
≥ 1000	66.3	80.2 80.2	84.4	87.0 87.0	89.4	90.0	91.8	92.9	93.1 93.4	93.3	93.4	93.4	- 1			93.9
≥ 800	66.3	80.2	84.6	87.G 87.2	7 1	99.3		93.9	94.1	94.3	94.5	94.5	94.5	94.8	,	94.0
≥ 600 ≥ 500	66.3	80.2	84.6	87.2 87.2	89.8	90.6			94.5		75.3	95.3	95.4	95.7	95.8 96.1	
≥ 400	66.3	80.2	84.6	87.2 87.2	1	90.6		94.6	94.8	95.3	95.8		96.1	96.2	96.5	96.5
≥ 200	66.3	80.2	84.6	87.2	89.8	90.6	92.9	94.6	94.8	95.5 95.5	96.8	96.8	97.5	98.1		98.5
≥ 0	66.3					90.5					96.9					100.0

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_93

USAF ETAC 12 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

24101 HILL AFB/OGDEN UTAH

07-70,73-78

JAN.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING							visi	BI ITY STA	TUTE MILE	5						
FEET	≥.0	≥6	≥5	> 1	≥ 3	≥2.	≥ 2	≥1 .	21.4	≥;	≥ ′4	≥ ′•	≥ 、	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	34.1 34.6	38.8	40.3	42.9	42.5	42.7 44.1		43.3	43.4 45.1	45.1	43.4	43.4 45.1	45.1	45.1	43.5 45.2	45.4
≥ 18000 ≥ 16000	35.3 35.5	40.4 40.0	42.2	43.5 43.9	44.6	44.8 45.3	45.7	46.1	45.8 46.2	46.2			46.3		46.0 46.5	46.7
≥ 14000 ≥ 17000	36.Z 38.5	41.6	43.5	44.9	46.1	46.3	49.4		47.3			50.0	50.0	50.0	50.1	50.3
≥ 10000	39.9 41.4	45.6	49.4	49.5 51.0	50.8	51.0 52.5	53.1	53.5	53.7	53.7	52.3 53.8	53.8	53.8	53.8	53.9	54.1
≥ 8000 ≥ 7100	43.3 47.0	49.5 53.2	51.9	53.5	59.0	55.2	55.9 50.0	50.4		. 1	60.8	56.6 60.8	60.8	56.6 60.8 64.5	60.9	61.1
≥ \$600 ≥ \$600	50.4 55.2	61.9	55.2	66.8		63.0 68.6 71.8	69.4	v9.8	70.0	70.0	70.1	70.1	70.1	70.1	70.2	70.4
≥ 4500	57.6 40.3	64.8 67.6 70.9	71.2	72.8	74.5	74.8	7.,.7	76.1	76.3		76.6	76.6	76.6	76.6	76.7	76.9
≥ 3500 ≥ 1000 > 2500	63.7	72.6	76.7	78.6	30.4	81.0	82.2	82.8	83.0	83.1	83.2	83.2	83.2	83.2	83.3	83.5
≥ 1600	65.1	75.4 75.4	80.2	82.4	84.8	85.4	86.6		88.0	88.2	88.3	88.3	88.3	88.3		<u> </u>
≥ 1500	65.7	76.9	81.4		86.5	87.1	83.4	89.9	90.1	90.3	20.5	90.8	<del></del>	<del></del>		
≥ 1000	66.0	77.0	81.8	84.4	87.3	88.0	89.5	91.1	91.4	91,9	92.3	92.5	92.6	92.6		
≥ 800	66.0	77.0				88.5	90.0	92.0			93.2		+	94.8	95.1	95.3
≥ 600	60.0					88.5		92.6		94.3	95.3		96.2	96.3	96,7	96.9
≥ 300	66.0		82.3	<del></del>			90.8		94.0	95.1	96.1	96.8	97.4	98.0	98,3	98.5
2 100	66.0		82.3	84.9	88.2	88.8	90.9	93.2	94.0	95.2	96.2	96.9	97.6	98.2	98.9	99.8
2 0	66.0	77.1	82.3	84.9	88.2	88,8	90.8	93.2	94.0	95.2	96.2	96.9	97.7	98.3	99.0	100+0

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC 100 0-14-5 (OL A) PREVIOUS FORTIONS OF THIS FORM ARE CASOLETE

## CEILING VERSUS VISIBILITY

24101

HILL AFB/DGDEN UTAH

67-70,73-78

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING				····			VIS	BILITY ST	ATUTE MILL	ES.					* <u>-</u>	
FEET	≥10	≥6	5.	≥ 4	≥ 3	≥2:	≥ 2	≥1,	≥1.	≥ (	≥ '4	≥ 's	<b>2</b>	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	27.8 20.9	34.9 36.2		34.0	40.1	38.4 40.2				39.4 41.4			39.8 41.8		1	39.9
≥ 16000	29.4 30.4	36.8 37.9	• -	40.8	42.0		41.5 42.6	41.9		42.4 43.4		42.7 43.8	42.8 43.9		42.8	
≥ 14000 ≥ 12000	32.7 34.0	40.2 41.8		43.1 45.3	46.7	44.8 47.0		47.7	45.8 48.0			46.3 48.5	46.5 48.6	46.5 48.6	46.5	46.6
≥ 10000	36.8 37.8	45.1 46.1	47.4 48.8	50.5		50.9 52.3		53.1			53.8	53.9	52.7 54.1	52.7 54.1	52.8 54.2	
≥ 8000 ≥ 7000	39.8 43.9	48.4 52.6	51.1 55.3		58.4	54.5 58.7		59.6		55.9 60.1	60.3	60.4	56.5 60.6	56.5 60.6		60.9
≥ 6000	47.5 51.1	56.7	59.5 64.1	66.1	67.6				64.5	64.7		70.1	65.3 70.4	65.3 70.4	70.5	70.6
≥ 4500 ≥ 4000	52.8 55.9	67.2	70.4	72.8	74.3	70.5		71.6 75.9		76.6	76.9	77.0		73.0		77.5
≥ 3500 ≥ 3000 ≥ 2500	57,3 59.7	68.8 71.8		78.1	80.0	76.9 80.6		82.2	78.7 82.6		83.2			79.7 83.7	83.8	
≥ 2000 ≥ 1800	61.2	73.1 73.5 73.7	77.1 77.7 77.8	81.0	82.3 83.5	82.9				87.8	88.4			39.0	89.1	89.4
2 1500	61.6	74.2	78.5 78.6	81.9	84.5	84.6 85.3 85.5	86.1 87.1 87.3	87.2	87.7	89.4	90.0	90.1	90.6	90.6	90.8	91.0
= 1000 = 900	61.6	74.3	78.8 78.9		85.3 85.4	86.0 86.1	88.1	88.6 89.9 90.0	89.1 90.5 90.6	91.5	92.5	90.4 92.6 92.7		93.4	93.5	93.8
≥ 800 ≥ 700	61.6	74.3	78.9 78.9	82.6 82.6	85.4 85.5	86.1 86.2	88.2	90.1		91.7	92.9	93.0	93.5 94.0 94.9	94.2	93.7 94.4 95.4	94.6
≥ 600	61.6	74.3	78.9 78.9	82.6	85.5 85.5	86.2	80.3		91.2	92.5	94.0	94.1	- 1	95.7	95.9	96.2
≥ 400	61.6	74.4		82.6	85.5 85.6	86.2	88.3 86.4	90.4		93.2	94.3	95.2		97.2	97.6	98.1
≥ 200 ≥ 100	61.6	74.4	• • [	82.7	85.6	86.3		90.5	91.3	93.4 93.4	95.2	95.6		98.1	99.1	99.7
≥ 0	61.6	74.4		1		86.3									,	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC 13 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

The state of the s

24101 HILL AFB/U-DEN UTAH

07-70,73-78

~<del>%.....</del>

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							V15	BILITY STA	TUTE MILE	5						
FEET I	≥10	≥6	≥5	≥ 4	≥3	≥2 %	≥2	≥ì,	≥1.	≥1	2.	≥ ~•	≥ ·	≥5 16	٤.	≥0
NO CEILING ≥ 20000	24.7 26.7	1	33.5 35.7	'	36.4 39.3	36.7 39.6		38,3		38.6 41.6		38.6 41.6		38.6 41.6		38.6 41.6
≥ 18000 ≥ 16000	27.0 28.5	34.7	36.2 37.9	39.6	39.9 41.7	40.3	42.5	41.9	43.8	43.9	43.9	43.9	43.9		43.9	43.9
≥ 14000 ≥ 12000	30.0 31.0	37.5	39.7 41.0			43.8	46.2	47.4	47.7	47.9		48.0	48.0	48.0		48.0
≥ 10000	34.3 35.4	42.3	46.1	48.1	48.8 50.3	49.1 50.6	51.3	52.6	53.0	53.2	53.3	53.3	53.3	53.3	53.3	
≥ 8000 ≥ 7000	38.1 40.2	47.8	49.2 51.9	54.3		54.0 56.9	50.0	57.3	59.6		60.C	60.0	60.0	56.7 60.0	60.0	60.0
≥ 6000 ≥ 5000 ≥ 4500	43.4 47.1 49.5	51.7 55.8 58.7	55.9 60.2 63.2	62.8	60.5 65.4 68.5	60.9 65.9	6:01	68.7	69.0	69.4	69.5	69.5	69.5	69.5	64,3 69,5 72.6	69.5
≥ 4500 ± 4000 ≥ 3500	53.3 54.7	63.3	68.5		74.1	74.5	70.1 76.0 78.7	77.7	72.0 78.0 80.7	72.4 78.5 81.2	72.6 78.6 81.3	72.6 78.6 81.3	78.6	78.6	78.6	72.6 78.6 81.3
≥ 3000 ≥ 2500	56.3 57.3	66.7	72.6	75.9	79.4	80.0		83.3	83.7	84.2	84.3	84.3	84.3	84.3	84.3	84.3
≥ 7000 ≥ 1800	57.8 57.8	68.7	75.0	79.1	83.4	84.2	8,08	87.7		88.7	89.0 89.2	89.0	89.0	89.0	89.0	
≥ 1200	57.9 57.9	- 1	76.0	,	84.9	85.1 85.9	80.9	89.1	89.9	90.5		90.9	90.9		90,9	<b>-</b>
≥ 1000 ≥ 900	57.9 57.9	69.3	76.3		85.3	86.3	88.2	91.0		92.9	93.6	93.8	93.8	,	;	)
≥ 80V) ≥ 700	57.9 57.9	69.3	76.3	80.6	85.3	86.4	88.4	91.4		93.5	94.8	94.9	95.0		95.2	
2 500	57.9 57.9	69.3	76.3 76.3	80.6	85.3	86.5			92.9	94.8			96.2 97.0			
≥ 400	57.9 57.9		76.3	80.6	85.3	86.5 86.5		91.8	93.3	95.0	97.0	97.5 97.7		98.1	98.2 99.1	
≥ 100	57.9 57.9	69.3	76.3	80.6	85.3	86.5	88.5	91.8	93.3		97.0	97.7	98.3	98.7	99.4	
∠ <sup>(</sup>	77.9	69.3	76.3	80.6	85.3	86.5	88.5	91.8	93.3	95.0	97.0	97.7	98.3	98.7	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS.

929

USAF ETAC 1004 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

a Estate Sense

## CEILING VERSUS VISIBILITY

A SA CONTRACTOR OF THE PARTY OF

24101 HILL AFB/OGDEN UTAH

07-70,73-78

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VIS	BILITY STA	TUTE MILE	E\$	·———-					
FEET	≥10	20	≥ 5	≥ 4	≥3	≥2 .	≥./	≥i,	≥1.	≥1	≥ .	≥ .•	≥ :	≥5 16	≥ '•	≥0
NO CEHING ≥ 20000	26.1 27.8	31.6	34.0	36.6		39.4	40.2	38.2 41.3	41.4	41.5	38.7 41.8	41.8	41.8		41.B	41.8
≥ 18000 ≥ 16000		34.2	35.5 36.8	39.6	41.8	42.4	43.4	44,6	44.8		45.3		45.3		45.3	43.4
≥ 14000 ≥ 12000		38.4	41.2	44.4	47.2		45.9	50.2	50.6	50.8	48.2 51.1	51.1	51.1	51.1	51.1	51.1
≥ 10000 ≥ 9000 ≥ 8000	38.7		46.2	49.8	53.0	53.5	54.9	56.3	56.8	56.9	55.1 57.2	57.2	57.2		57.2	57.2
≥ 8000 ⇒ 7000 ≥ 6000	41.5 43.0 45.8		51.4	54.9	58.3	56.8 58.8 62.2	60.2	61.6	62.0	62.2	60.4 62.5 65.9	62.5				
_ 5000°	52.4		61.8	65.5	69.2	69.8	71.2	72.7	73.1	73.7	74.0 78.4	74.0	74.0	74.0	74.0	74.0
≥ 3500	58.1	65.6	68.9	- 1	76.8	77.3	78.9	80.5	81.1	81.6	81.9	81.9	81.9		81.9	81.9
≥ 3000	61.8	69.4	73.2		81.6	82.3	84.2	85.9	86.6	87.2	87.5 90.2	87.5	87.5		87.6	
≥ 2000	61.9			79.4	84.0	84.7	87.5	89.4	90.1	90.9	91.1 91.2	91.2	91.2	91.2	91.2	91.3
≥ 1500	61.9	71.3		79.9	84.8	85.7	88.8	90.8	91.6	92.4	92.7	92.7	92.7	92.7	92.8	92.8
> 900 2 800	62.2	71.5	76.0	80.3	85.3	86.2	89.8	92.3	93.1	94.0	94.4	94.4	94.6	94.6	94.7	94.7
2 700 2 600	62.2	71.5	76.2	80.5	85.5	86.5	90.1	92.9	93.9	95.1	95.4 96.0 96.2	96.0	96.5	96.5	96.6	96.6
2 500 ≥ 400	62.2	71.5	76.2	80.5	85.5	86.6	90.2	93.1	94.3	95.5	96.9 96.9	96.9	97.4	97.4	97.6	97.6
≥ 300 ≥ 200	62.2	71.5	70.2	80.5	85.5	86.6	94.2	93.1	94.3	95.5	97.0 97.0	97.0	97.7	97.7	98.6	98.7
. 100 2 0	62.2 62.2										97.0 97.0					

TOTAL NUMBER O. OBSERVATION

930

USAF ETAC 10.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOILTE

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### CEILING VERSUS VISIBILITY

24101 HILL AFB/OGDEN UTAH

67-70,73-78

- JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CFILING							VISI	BILLI'Y STA	ATUTE MILE	ES						
FEET	≥10	≥6	≥ 5	≥4	د ي	£2.	≥2	≥i,	≥1.	≥1	٤. ا	2 .	2	≥ 5 16	١.	≥0
NO CEILIN'. ≥ 20000	28.3 29.0	32.8 32.8	34.7	38.1	39.8	39.8 41.0	40.6 42.0	41.4	41.5 42.9	41.7 43.1	41.7 43.1	41.7 43.1	41.8 43.2	41.8 43.2	42.0 43.4	
≥ 18000 ≥ 16000	29.5 30.1	33.2 34.2	35.2 36.1	38.6 39.6	40.6	41.8	42.9	43.7	43.8	44.0 44.9	44.0	44.0 44.9	44.1	44.1 45.1	44.3 45.3	44.5
≥ 14000 ≥ 12000	32.0 34.0	36.1 38.3	38.3 40.5	44.4	44.3	48.6	40.8	50.6	50.9	47.8 51.1	51.2		51.3		51.5	48.4 51.7
≥ 9000	37.6 39.2	42.3	46.3	50.4	53.4		56.0	56.9	57.1	55.5 57.3	57.4	57.4	57.5		57.7	56 • 1 58 • 0
≥ 8000 ≥ 7000 ≥ 5000	41.0 43.2 46.9	46.5 49.8 53.7			59.6	57.3 61.0	6,.3		63.4		63.9		64.0		64.2	
≥ 4°00	52.7	59.8	62.3		69.7		7,.5	73.5	73.8	74.2	67.8 74.4	74.4		74.5		74.9
≥ 1000	58.5	66.3		73.8	77.0	78.4	79.9	81.1 83.1	81.3	81.7	82.0 84.1	82.0	82.2	82.2	82.4	
≥ 3000	62.9	71,3	74.7	79.4	82.9		85.8	87.0 89.4	87.2	87.6 90.1	88.0	88.0	88.2	88.2 90.6	88,4	88.6
≥ 2000	63.1 63.2	73.4	77.i		85.7	87.2	88.9	90.2	90.4	91.0 91.1	91.4	91.4	91.6	91.6		92.0
≥ 1500	63.4 63.4		77.5	82.3	86.8	87.8	89.7 90.2	90.9	91.3	91.8	92.3	92.3	92.5	92.5	92.7 93.5	93.8
≥ 900 ≥ 800	63.7 63.7	74.3	78.1		87.5	89.2	91.4	92.8	93.3	94.2	94.8	94.9	95.2	95.2	95.4	95.6
≥ 700 ≥ 6°C	64.0		78.5	83.4	88.0	89.7	92.0	93.4	94.0	95.1	95.4 95.7 95.8	95.8	96.0	96.0	95.9 96.2	96.5
: 500 ≥ 400	64.0 64.0	74.7	78.6 78.6	83.5 83.5	88.1	89.8	92.2	93.5 93.5	94.1	95.2 95.3	95.9 96.1	96•2 96•7	96.7 97.1	96•7 97•2	90.9 97.4	97.1
≥ 300 ≥ 200	64.0 64.0	74.7	78.6	83.5	88.1	89.8	92.2	93.5	94.2	95.3 95.5		96.9	97.6	97.6	98.4	98.7
2 100		74.7	78.6	83.5	88.1	89.8	92.2	93.5	94.2	95.5	96.3	96.9	97.7	98.1	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS\_

930

USAF ETAC 1144 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

24101

HILL AFB/UGUEN UTAH

67-70,73-78

JAN.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING						****	VIS	ibility Si	ATUTE MIL	FS						
	≥10	.≥6	≥ 5	≥4	≥ (	≥2	2.2	≥i	≥1.	2	≥ 4	≥`.	≥ ;	≥5 16	≥ .	≥0
NO CHUNG	28.7 30.1		36.8 38.3	39.1 40.6	40.0	40.5	41.5	41.6	41.8	42.0 43.9	42.0	42.0	42.0	42.0		42.0
≥ 18000 ≥ 16000		35.7	38.8 39.4	41.2	42.3	42.8		43.9	44.1		44.4	44.4	44.4	44.4	44.4	44.4
≥ 14000 ≥ 12000	31.6				43.8 45.9	44.3	45.3	45.5	45.7	46.0 48.5	46.0	46.0	46.0	46.0	46.0	46.0
≥ 10000 ≥ 9000	35.5 36.7	41.1		47.3	48.6	49.2	50.3	50.5	50.9	51.3 52.6	51.3	51.3	51.3	51.3	51.3	51.3
≥ 8000 ≥ 7000	38.1 40.6	44.5		51.0		53.1	54.2	54.4	54.7		55.2	55.2	55.2	55.2		55.2
≥ 6000 ≥ 500x	46.3 51.2	54.0 59.1	57.8	60.6	62.4	63.2		64.7	65.1	65.5	- 1	65.5	59.5 65.5 71.3	65.5		65.5
2 4500 2 4000	53.5 55.8	62.4	66.7	69.8	71.6	72.5	75.8	74.2		74.9	74.9	74.9	74.9	74.9		74.9
≥ 3500 ≥ 3000	58.0 59.8		72.4	76.0	78.0	78.8	30.4	8C.9	81.2		81.7	78.9 81.7	81.7	1	81.7	81.7
≥ 2500 ≥ 2000	61.2 61.3	73.1 73.9	78.6	82.7	84.7	85.7	87.3	87.7	88 - 2		88.7	88.7	88.8	88.8	8,88	88.8
± 1800 ≥ 1500	61.4	74.0	79.8		85.9	87.0	88.6	89.2	89.7	90.3 91.5	90.4	90.4	20.5	90.5	90.5	90.6
≥ 1260 ≥ 1000	61.5	74.5	80.5	84.8	87.3	88.4	90.4	91.1	91.5	92.2	92.3	92.3	92.4		92.4	92.5
≥ 900 ≥ 800	62.3	75.4 75.6	81.4	85.7	88.4	89.5	91.7	92.6	93.0	93.9	94.0	94.0	94.1	94.1	94.2	9404
≥ 700 ≥ 600	62.4	75.6 75.6	81.6	85.9	88.7	89.8	92.2	93.2	93.9	94.9	95.1	94.8	95.2	95.0!		95.5
≥ 500 ≥ 400	62.4 62.4	75.6 75.6	97.0	82.7	80.7	89.8	92.2	93.5	94.3	95.9 96.0	96.5	36.6	96.8	94.8	95.6	97.1
≥ 300 ≥ 200	62.4	75.6 75.6	o T + O	42.4	88.7	89.3	92.2	93.5	94.3	96.1 96.1	96.81	97.0	97.5	97.8	97.2 98.1 98.3	98.3
÷ 100 ≥ 0	62.4	12.0	0 T • O	82.7	88.7	89.8	92.2	93.5	94.3	96.1 96.1	96.8	97-1	97.6	98.1	98.5	99.2

TOTAL NUMBER OF OBSERVATIONS 9

USAF ETAC 101 65 0+14-5 (OL A) PETVICES FOITIONS OF THIS FORM ARE ORSOLES

#### CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDEN UTAH

67-70,73-78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							VISI	BILITY STA	TUTE MILE	\$						
SEET	≥10	ه ج	> 5	≥ 4	≥3	≥2.	≥2	≥ì,	≥1.4	≥1	≥ 34	≥',	≥ -	≥ 5 16	≥ .	≥0
NO CEILING	29.2 30.4	34.4				39.8	40.3	40.8	40.9		41.1	41.1	41.2	41.2	41.3 43.3	
≥ 18000	30.9	36.3		40.5	42.0	42.5	43.1	43.6	43.8	43.9	44.0	44.0	44.0	44.1	44.2	44.2
2 14000 2 12000	32.9	38.5	40.7	42.9	44.6	45.1	45.7	46.3	46.5	46.6	40.7	46.7	46.7	46.8	46.9	46.9
≥ 10000	34.5	40.3	45.7	48.2	50-1	50.6	48.0 51.4	48.6 52.0	48.8 52.2	52.4	49.1 52.5	52.5			49.3 52.7	
≥ 8000	38.5 40.4	44.7	49.6	52.1	54.1	52.1 54.6	55.4	53.5 56.1	56.3	53.9 56.5	54.1 56.6	54.1 56.6	56.6	54.1 56.7	54,3 56,8	
≥ 7000	43.1 47.0	50.1 54.4	52.9 57.2	55.4 59.8	57.5	59.1	56.9	59.6 64.1	59.9 64.4	64.5	64.7		64.7	60.3 54.8	64.9	
≥ 5000 ≥ 4500	52.1 54.5	63.2	63.1	65.8	68.0 71.5	72.1	73.1	70.3	70.6	70.9	71.0	71.0		71.1	71.2	71.3
2 4000	57.4 59.0	66.6	70 · 1	73.0		76.0	77.0	77.9	78.2	78.5 81.2	78.7 81.3	78.7	78.7 81.4	78.8	78.9 81.6	78.9
≥ 3000 ≥ 2500	61.1	71.5	75.6 77.6	78.8	81.4	82.1	85.4 85.9	84.3	84.7	85.0	85.1 87.9	85.1 87.9	85.2	85.3	85.4	85.5
≥ 2000	62.6	74.1	78.6	82.1	85.2	86.0	87.6	88.8	89.2	89.5	89.8	89.8	89.9	90.0	90.1	90.2
≥ 1800 ≥ 1500	62.6	74.6			86.2	86.1	67.7 88.8	88.9 90.1	89.3 90.5			89.9 91.3	90.1 91.4		90.2	91.7
≥ 1200 ≥ 1000	62.9 63.1	74.8 75.1	79.6 80.0	83.3 83.8		87.5 88.2	89.4 90.3	90.8 92.0	91.3	93.2	92.0 93.6	92.0 93.7	92.2 93.9		92.4 94.0	
≥ 900 ≥ 800	63.1 63.2	75.1 75.2	80.1 80.1		87.3 87.4	88.2 88.4	90.4	92.2 92.5	92.7	93.4 93.9	93.9	93.9 94.6	94.1	94.2	94.3 95.1	95.2
≥ 700 ≥ 600	63.2	75.2			87.6	88.5	90.8	92.8	93.5		95.0	95.1 95.4	95.5 95.8		95.7 96.1	95.8
± 500 ≥ 400	63.2	75.2	80.3		87.6 87.6	88.6	90.9		93.9		95.9	96.1 96.4	96.5		96.9	97.0 97.6
≥ 300 ≥ 200	63.2		80.3	34.1	87.6 87.6	80.6		93.1	94.1		96.4	96.7	97.4		98.2	98.4
> 100 > 0	63.2	75.2	80.3	84.1	87.6	88.6		93.1	94.1 94.1	95.3	96.5		97.7	98.2	98.9	

TOTAL NUMBER OF OBSERVATIONS

7439

USAF ETAC 10, 64 0-14-5 (OL A) PREVIOUS CONTIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

24101

C

HILL AFB/DGDFN UTAH

(7-70,73-78

FEB

PERCENTAGE FREQUENCY OF OCCIJERENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VISI	BLITY STA	ATUTE MILI	5						
PEET	≥10	≥6	≥ 5	≥ 4	23	≥2.	≥ 2	≥1	≥1'.	≥1	٤.	5,,	<u>≥</u>	≥5 16	٠ ج	≥0
NO CEILING ≥ 20000	48.0 49.6	53.8 55.7	55.3 57.2			55.8 57.7				56.3 58.2	56.3 58.2					56.5 98.4
≥ 18000 ≥ 16000	49.8 49.9	55.8 55.9	;	57.7 57.8		57.8 57.9	58.0 58.2		58.0 58.2	58.3 58.4	58.3 58.4				58.4 58.3	58.5 58.6
≥ 14000   ≥ 12000	50.8 52.6		60.4		60.9	60.9	61.1		59.1 61.1	- T			59.3		59.5 61.5	59.6
≥ 10000 ≥ 9000	54.6 55.3	61,6	63.1		63.6	63.6	63.8	63.8		64.1	64.1		64.1		63.5	64.3
≥ 8000 ≥ 7000	59.8		68.6	68.9	69.0		69.3	69.3	69.3	69.5	69.5	69.5	69.5	69.6	69.6	69.7
₹ 2000, 5 (4000	61.6	74.3	77.0	77.3	77.4	77.4	77.8	77.B	77.8	78.0	72.2 78.1	78.1		78.3	78,3	72.5
≥ 4500 ≥ 4000 ≥ 3500	68.1 70.6		81.4	81.8	81.9	82.0	82.4	82.4	79.6 82.4	82.6	82.7	82.7		83.0	83.0	83.1
≥ 3500 ≥ 3000 ≥ 2500	75.4 76.4	84.2	86.9	87.2	87.4	87.5		87.8	87.8	85.1 88.1	38.2	88.2	85.3	88.4	88.4	
≥ 2000 ≥ 2000	77.0	86.7	89.4	90.0	90.1	90.3	90.7	90.7	90.8	89.4 91.0 91.0	91.1	91.1	91.3	91.4	91.4	89 • 8 31 • 5 91 • 5
≥ 1500	77.0 77.1		89.7	90.5	90.8	91.1	91.5	91.8	92.0	92.6	72.7		92.8	92.9	92,9	93.0
≥ 1000	77.1	86.9	90.9	[	92.4	\$2.8 92.8		33.6	93.7	94.4	94.7		95.0		95,3	95.4
≥ 800	77.1	87.0	91.0	92.0	92.6	92.9	93.6	94.2	94.3	95.3	35.5		95.9	96.1	96.1	96.2
≥ 600	77.1 77.1	87.0 87.0	91.0	92.0	92.7	93.0	92.9	94.6	94.7		96.5	96.5	•	97.0		
≥ 400	77.1 77.1	87.0	91.0	92.0	92.7	93.0	94.0	95.0	95.2	96.6		97.5	93.1	96.8		95.4
≥ 200 ≥ 100	77.1	87.0 87.0	91.0	92.0	92.7	93.0 93.0	94.0	95.0	95.2 95.2	96.6	97.5 97.5	97.6	98.3	99.2	99.5	
≥ 0	77.1	87.0	91.0	92.0	92.7	93.0	94.0	95.0	95.2					99.2		100.0

TOTAL NUMBER OF OBSERVATIONS 84

USAF ETAC 101.64 0+14+5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDEN UTAH

67-70,73-78

- EEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY STA	TUTE MILE	\$						
FELT	≥10	≥6	≥ 5	≥ 4	≥3	≥2.	≥?	≥i.	≥1.	≥1	≥ 14	٠, خ	≥ -	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	46.7 48.0	21.8 53.3	52.2 53.8		52.4 53.9	52.5 54.0	52.6 54.1	54.1	52.6 54.1		52.7 54.3	52.7 54.3	52.7 54.3	52.7 54.3	52.7 54.3	52.8 54.4
≥ 18000 ≥ 16000	48.5 48.5	53.9 53.9	54.4 54.4	54.4	54.5 54.5	54.6 54.6	54.7 54.7	54.7 54.7	54.7 54.7		54.8 54.8	54.8 54.8	54.8 54.8	54.8 54.8	54.8 54.8	55.0 55.0
≥ 14000 ≥ 12000	49.5 50.9	55.0 56.5	55.4 57.0	I	55.6 57.1	55.7 57.2	55.8 57.3	55.8 57.3	55.8 57.3		55.9 57.4	55.9 57.4	55.9 57.4	55.9 57.4	55.9 57.4	56.0 57.6
≥ 10000 ≥ 9000	53.7 55.3	59.2 60.9	59.7 61.3	59.7 61.3	59.8 61.5	59.9	60.0	60.0	60.0	60.2 61.8	60.2 61.8	60.2 61.8	60.2 61.8	60 • 2 61 • 8	60.2	60.3 61.9
≥ 8000 ≥ 7000	58.0 59.1	63.6	64.2 65.5		64.5 65.6	66.1)	64.8	64.9	64.9	65.0 66.4		65.0 66.4	65.0 66.4	65.0 66.4	65.0	65 • 1 66 • 5
≥ 6000 ≥ 5000	62.3	68 • 1 75 • 4	68.9 76.6	68.9 76.6	69.3 77.2	69.4 77.3	69.5 77.4		69.7 77.7	69.9 77.8		69.9 77.8	69.9 77.8	69.9 77.8	69.9 77.8	70•0 77•9
≥ 4500 ≥ 4000	71.7	t	79.7 81.7	79.7 81.7	80.3	80.4 82.4	80.5 82.5		80.7 82.7		1	80.9 82.9	80.9 82.9	80.9 82.9	80.9 83.0	81.0 83.1
≥ 3500 ≥ 3000	75.3 76.7	87.4 84.5	83.7	83.7 86.1	84.3 86.8	84.4	84.5 87.0	84.8 87.2	84.8 87.2			1	84.9 87.6	84.9 87.6	85.0 87.7	85 • 1 87 • 8
≥ 2500 ≥ 2000	77.7 78.1	85.7 86.5	87.4 88.4		-	88.3	88.4 89.8	88.7 90.1	88.7 90.1			88.8 90.3	89.0 90.5	89.0 90.5	89.1 90.8	89•2 90•9
≥ 1800 ≥ 1500	76.3 78.7	86.6 87.1	88.5 89.0	1	1	90.0 90.7		90.4	90.4 91.4	91.8	91.8	90.7 91.8	90.9 92.1	90.9 92.1	91.1 92.3	91.3 92.4
≥ 1200 ≥ 1000	78.8 79.0		89.5 90.1	89.6 90.2		91.1 91.8	91.6		92.0 93.0	92.6 94.0	92.7	92.8 94.6	93.0 94.8			93·4 95·2
≥ 900 ≥ 800	79.0 79.0		90.1 90.2	90.2		91.8 92.0	92.3 92.6	92.9	93.0 93.5	94.4	94.9	94.6 95.0		94.8 95.3		95 • 2 95 • 6
≥ 700 ≥ 600	79.0		90•2 90•2	90.3	92.0	92.1 92.2	92.7 92.8	93.4 93.5	93.6 93.7	94.6		95.2 95.6	95•4 95•9		96.0 96.5	96•1 96•6
≥ 5.30 ≥ 400	79.0	87.7	90.2	90.4	92.2	92.4 92.4	93.3	94.1	94.3							98 • 2 98 • 6
2 300 2 700	79.0	87.7	90.2	90.4	92.2	92.4		94.1	94.3	95.7 95.9		97.4	98.3		99.3	
9	79.0		90.2			92.4 92.4	93.3		1				98•3 98•3			100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 10104 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

24101 HILL AFB/DGDEN UTAH

67-70,73-78

\_\_\_<u>FEB</u>\_\_

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING							VIS	BILITY STA	NOTE MILI	ES						
fEET	≥10	≥6	≥5	≥4	≥3	≥2:	≥ 2	⊱ાં:	≥' .	ا ځ	2 34	≥,•	<u>.</u> .	≥5 16	≥'•	≥0
₹ 50000 ¥ 50000	1	48.3 50.9	48.8 51.4		51.8	51.8	57.0	49.4 57.1				49.4 52.1		49.4 52.1		49.6 52.4
. ≥ 18000 ≥ 16000	- 1	51.7 51.8		52.1 52.2	52.5 52.6	52.5 52.6		52.8 53.0	52.8 53.0			52.8 53.0				53 · l 53 · 2
≥ 14000 ≥ 12000	50.5		55.2		55.6		55.8		55.9	55.9	55,9	54.5 55.9		1	56.1	54.7 56.1
≥ 10000 ≥ 9000	55.4	59.7		60.2	60.5	60.5	60.8		60.9	60.9	60.9			60.9	59.3 61.1	61.1
≥ 8000 ≥ 7000	59.7		64,7	64.9	65.2	65.2	65.5		65.6	65,6	65,6		65.6	65.7	66.0	66.C
≥ 200x. > 9000	68.9	74.6	75.4	75.8	76.2	76.2	76.6		76.7	76.7	76,7	76.7	76.7	76.8	77.1	77.1
≥ 4500 ≥ 4000	72.2	80.4	81.2	61.6	82.2	82.2	82.5		82.6	82.6		82.6	82.6	82.7	83.0	83.0
≥ 3500	76.1 77.8	82.2	85.1	85.6	84.0	86.4	86.9		87.0	87.0	87.0	87.0	87.0	87.1	87.4	87.4
≥ 2500 ≥ 2000	78.6 79.6	86.9	88.2	89.0	90.3	90.3	91.0	89.4 91.1	91.1	91.1	91.1		91.1	91.3	91.5	91.5
≥ 1800	79.7	87.1	88.7	89.1	90.9	90.9	91.7		91.8	91.8	91.8	91.8	92.0	92.1	92.3	
≥ 1200 ≥ 1000 > 900	79.7 79.7 79.7	87.2 87.2	88.8		91.1	91.0	92.1		92.8	92.7	93.4	92.8	93.7	93.9	93.3	94.1
≥ 900 ≥ 800 ≥ 700	79.7	87.2 87.2	88.8	89.8	91.3		92.2	92.7	93.0	93.1 93.5	93.7	93.4	93.7	94.2	94,0	94.6
≥ 600	79.7	87.4	89.0	90 . i	91.0	91.7	92.6		93.4	94.2	95.3	95.5	96.1	96.3		96.7
≥ 500 > 400 ≥ 300	79.7	87.4	89.0	,		91.8			93.5	94.4	96.1 96.1	96.3	97.2		97,9	97.9
≥ 200	79.7 79.7	87.4	89.0	90.1	91.7	91.8	92.7	93.4	93.7	94.8	96.5	46.8		98.3 98.3		49.6
≥ C	79.7	87.4					92.7				96.5				99.1	

TOTAL NUMBER OF OBSERVATIONS

846

USAF ETAC 10 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDEN UTAH

07-70,73-78

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0500-1100

CFILING							۷IS۰	BILITY STA	TUTE MILE	5						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2.	≥ 2	≥``,	≥14	51	≥ '4	≥'•	≥ :	≥5 16	≥ '•	≥0
NO CE'IP G > 20000	47.4 50.5	49.3 52.4			54.6	54.6	54.6	54.6		54.6	51.2 54.6	51.2 54.6			51.2 54.6	51.2 54.6
≥ 18000 ≥ '6000	51.1 51.5	53.0 53.4		55.0 55.4	55.7	55.7		55.7	55.7	55.7		55.2 55.7			55.2 55.7	55.7
≥ 14000 ≥ 12000	52.6 54.5	54.5 56.4	58.2	58.4	58.6		58.6			56.7 58.6		56.7 58.6	56.7 58.6		56.7 58.6	58.6
≥ 10000 ≥ 9000	56.9 57.3	58.7 59.2			61.6				61.6		61.6	61.6		61.6	61.1	61.6
≥ 8000 ≥ 7000	59.7	61.7	63.6		66.8			66.8	66.8		66.8			66.8	66.8	66.8
≥ 6000 ≥ 5000	65.8	73.3	75.4	75.8	76.2	76.2		76.2		76.2	71.0	71.0 76.4	71.0	76.4	71.0	
≥ 4500 ≥ 4000	72.9	76.4 80.0	82.4	82.7	83.3	79.4 83.3	79.4	79.4 83.3		83.3		79.6 83.5	79.6 83.5	83.5	79.6 83.5	
≥ 3500 ≥ 3000	77.0 79.1	81.4	86.2	86.5	87.8	87.8	85.0 87.8	85.0 88.2	88.2	88.3	85.1 88.4	85.1 88.4		88.4	88.4	88.5
≥ 2500 ≥ 2000	0.06	85.0 85.2	88.3		91.1		89.8 91.3	91.8		92.1		90.4		90.4		92.3
≥ 1800 ≥ 1500	80.5	85.7	89.0	90.0	92.3			93.0		93.4		92.4		92.4	92.4	93.9
≥ 1200	80.5	85.7 85.7	89.0		92.7	92.8	92.9			94.1		94.6		94.4		94.8
≥ 700 ≥ 800 ≥ 700	80.5 80.5	85.8 85.9	89.2	90.2	93.0	93.1		94.2	94.2	94.8	94.7		95.9	95.9	96.0	96.1
≥ 600	80.5	85.9	89.2	90.2	93.0	93.1	93.4		94.2	94.9	95.7		96.2	96.3	96.5	96.6
≥ 500 ≥ 400 ≥ 300	80.5 80.5	85.9	39.2	90.2	93.0 93.0	93.1	93.4	94.3	94.3		96.6		97.5	97.9	98.0	98.2
≥ 200	80.5	85.9	89.2	90.2	93.0	93.1	93.4	94.3	94.3		96.6		97.8		99.1	99.6
≥ n ≥ n	80.5		89.2 89.2		93.0					95.3						100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC 12.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSCIEFE

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### CEILING VERSUS VISIBILITY

24101 HILL AFB/OGDEN UTAH

,7-70,73-78

FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CERING							VISt	BILITY STA	ATUTE MILE	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2.	≥ .`	ξÌ	≥1.	≥1	≥ '₄	≥',	≥ :	≥5 16	≥'•	≥0
NO CEILING ≥ 20000	45.6 47.5	49.2 51.2	1		51.9 53.9	52.0 54.0			52.1 54.1		52.1 54.1	52.1 54.1		52.1 54.1	52.1 54.1	52.1 54.1
≥ 18000 ≥ 16000	48.2 48.9	1		54.7	55.3	54.7 55.4	55.6	54.8 55.6	55.6	55.6		55.6	54.8 55.6			
≥ 14000 ≥ 12000	50.2 51.8		57.5	58.0	56.6 58.5	58.7	56.9 58.9			56.9 58.9						56.9 58.9
≥ 10000 ≥ 9000		58.2 59.8	61.7	62.4	61.3	63.1		63.2	63.2	63.2	63.2	63.2	63.2		63.2	
≥ 8000 ≥ 7000	61.0	62.4 65.2	67.3	68.1		68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 6000 ≥ 500°	62.4 67.4	66.7 72.0	74.3	75.4	76.2	76.4		76.5	70.5		76.5	76.5	76.5	76.5	76,5	76.5
≥ 4500 ≥ 4000	70.6 73.4	78.7	81.2	82.5		83.7	83.8		83.8	83.8	80.1		83.8	80.1	83.8	83.8
≥ 3500 ≥ 3000	74.6 76.1	81.9	84.5	85.2	87.2	37,4	85.2 87.5	87.6	87.6	87.6	85.2 87.6	87.7	87.7	85.2 87.7	87.7	87.7
≥ 2500 ≥ 2000	77.3 78.1	83.2		88.7	90.2	90.3	89.1 90.5		91.0	91.1	89.5 91.3	91.4	91.4		91.4	91.4
≥ 1800	78.1 78.4	84.0	87.0	89.2	90.9	91.4	91.6	91.8		92.3	92.4	92.5	92.6	91 • 4 92 • 6	92.6	92.6
≥ 1200 ≥ 1000	78.5 78.5	84.6	87,4	89.7	91.6	92.1	92.2	92.7	93.3	93.7	93.0	94.3			94.4	94.6
≥ 900 ≥ 800	78.5 78.5	84.8	87.5	89.8	91.7	92.2	92.7	92.9	93.6		94.8	95.3	95.4	95.4	95.4	95.0
≥ 700 ≥ 600	78.5 78.5	84.9	87.5	90.1	92.0	92.6		93.4	94.1	94.8	95.5	96.1	96.2	96.5	96.5	96.6
2 500 2 400	78.5 78.5	84.9	87.6	90.1	92.2		93,4		94.4	95.5	96.3	97.0	96.8	97.6		97.8
≥ 300 ≥ 200	78.5 78.5	84.9	87.6	90.1	92.2		93.4	93.7	94.4		96.5	97.2	97.4	98.6	99.2	
≥ 100 ≥ 0	78.5 78.5				92•2 92•2		93.4				96.5			98.6		100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101 64 0-14-5 (OL A) PRIVIOUS FOITIONS OF THIS FORM ARE OSSOLETE

## CEILING VERSUS VISIBILITY

24101 HILL AFB/DGDEN UTAH

67-70,73-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VISI	BILITY STA	TUTE MILE	:5						
FEFT	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2.	≥?	≥i	≥1.	21	≥ .	≥′,•	≥ ^	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	41.1 44.8	45.7 49.5	47.0 50.8	47.8 51.5	48.7 52.5	49.1 52.8	49.4	49.4 53.2	49.4 53.2		49.4 53.2	49.4 53.2	49.4 53.2	49.4 53.2	49,4 53,2	49.5 53.3
≥ 18000 ≥ 16000	45.6	50.4 50.8	51.7 52.1	52.4 52.8	53.3 53.8	53.7 54.1	54.0 54.5	54.0 54.5	54.0 54.5	54.0 54.5	54.0 54.5	54.0 54.5	54.0 54.5	54.5	54.0 54.5	54.6
≥ 14000 ≥ 12000	47.3 49.1	52.0 53.8	53.3 55.2	54.0 55.9	55.0 56.9	55.3 57.2	55.7 57.6	55.7 57.6	55.7 57.6	55.7 57.6	55.7 57.6	55.7 57.6	55.7 57.6		55.7 57.6	57.7
≥ 10000 ≥ 9000	52.7 54.1	57.4 58.9	59.2 60.6	61.3	62.3	61.2	61.6	61.6	61.6		61.6	63.0	63.0	63.0	61.6	
≥ 8000 ≥ 7000	56.3 59.9	61.0	62.8	67.6	68.6	64.8	65.1	65.1	65.1 69.3	65.1 69.3	65,1	65.1	65.1 69.3	69.3	65.1	
≥ 6000 ≥ 5000	62.1 68.1	67.5 73.9	69.7 76.7	70.6	71.5 78.6	71.9 79.1	72.2 79.4	72.2	72.2 79.6		72.2 79.6	72•2 79•6	72.2 79.6	72•2 79•6	72.2 79.6	72.3
≥ 4500 ≥ 4000	70.3	76.2 79.7		80.0	81.0 84.8	81.4 85.2	81.8 85.6	81.9 85.7	81.9 85.8	- 1	81.9 85.9	81.9 85.9	81.9 85.9		81.9 85.9	86.1
≥ 3500 ≥ 3000	74.5 75.9	81.0 82.5		85.0 86.9	86.2 88.1	86.6 88.5	87.0 88.9	87.1 89.0	87.2 89.1		87.4 89.2	87.4 89.2	87.4 89.2	87.4 89.2	87.4 89.2	87.5 89.4
≥ 2500 ≥ 2000	76.4 76.8	- 1	87.4 8 <b>8.</b> 3	88.7 89.7	90 · 1 91 · 3	90.7 91.8	91.0 92.3	91.1 92.6	91.3		91 • 4 92 • 8				92.8	92.9
≥ 1800 ≥ 1500	76.8 77.2	84.5	88.5 89.0	90.0	91 • 5 92 • 2	92.1 92.9	92.6	92.8	92.9	92.9 94.1	94.2			94.2	93.0 94.2	94.3
≥ 1200 ≥ 000	77.4	84.8		91.0 91.0	92.9 93.0	93.6 93.7	94.4		94.9	95.6		95 • 2 96 • 0			95.2 96.0	
÷ 900 ≥ 800	77.4	84.9	89.4	91.1	93.0 93.1	93.7		95.2 95.4	95.4 95.7	96.0	96.5	96.6	96.6			
≥ 700 ≥ 600	77.4	85.0	89.5	91.3		94.0	95.4	95.7 95.7	96.1 96.1	96.3	96.9	97.0 97.2	97.2	97.2	97.2	
≥ 500 ≥ 400	77.4	85.0	89.5	91.3	93.3	94.0	95.4		96•1 96•1	96.6	97.4	97.8	98.0	98.2	98.6	
≥ 300 ≥ 200	77.4	85.0	89.5	91.3		94.0	95.4	95.7	96•1 96•1	96.6	97.5	98.2	98.5	98.9	99.3	99.9
> 100 ≥ 0	77.4			91.3				-	96 • 1 96 • 1		97.5 97.5	98•2 98•2				100.0 100.0

TOTAL NUMBER OF OBSERVATIONS.

USAF ETAC Life 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDEN UTAH

67-70,73-78

WOMIN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VIS	BILITY STA	LIUTE MILE	<b>S</b>						
FEET	≥10	≥6	≥ 5	≥4	2.3	≥2 7	≥ 2	≥1	≥1.	≥:	≥ '4	≥ ,	≥ :	≥ 5 16	≥.	≥0
NO CEILING ≥ 20000	44.3 47.4		50.9 54.0	i	1	52.7 55.9	56.3		56.4	56.4	53.2 56.4	53.2 56.4	53.2 56.4	53.2 56.4		53.4 56.6
≥ 18000 ≥ 160001	47.6 48.3	52.5 53.2	54.3 55.0	56.0	56.6	56.1 56.9	56.5 57.2	56.6 57.3	56.6 57.3		56.6 57.3	56.6 57.3		56.6 57.3		56.9 57.6
≥ 14000 ≥ 2000	49.3 50.6	55.6	56.0 57.3	57.1 58.5	59.1	57.9 59.3	58.3 59.7	58.4 59.8	58.4 59.8	59.8	59.8	58.4 59.8			58.4 59.8	
≥ 9000	53.9 55.0	59.2 60.3	61.2	63.6	64.2	63.4	64.8	64.9	64.9		64.9		64.9	64.9	64.9	65.1
≥ 3000 ≥ 7000	57.0 60.4	66.2	64.7		70.2	66.5 70.4	67.1 70.8		67.3 70.9	70.9	70.9	67.3 70.9	70.9	70.9	70.9	7: .2
≥ 2000, ≥ 2000,	63.0	75,9			80.6	73.6 80.9		81.3		81.3	81.3				81.3	81.6
≥ 4500 ≥ 4000	71.6	80.6	83.5	84.9	85.5		86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	
≥ 3500	74.9 75.9	83.1	86.2	87.8	88.7	88.9	89.2	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.6	39.8
≥ 2500 ≥ 2000	78.3 78.5	86.4	89.8	91.8	92.9	92.0 93.1	93.6	93.9	93.9	93.9	92.6 93.9	94.0	94.2	94.2	94.3	94.6
≥ 1800 ≥ 1500 ≥ 1200	78.5 78.6 78.6	86.6	90.3	92.3	93.5		94.4	94.7	94.7	94.7	94.0 94.7	94.8	95.0	95.0	95.2	94.7
≥ 1000	1 - 1	87.0	90.7	92.8	94.6	95.0	95.7	95 • 2 96 • 3 96 • 5	96.3	96.5	96.6 96.7		97.0		97.2	1 1
≥ 900 ≥ 800 ≥ 700		87.0	90.7	92.8	94.7	95.2	95.9	96.5 96.5	96.6	96.7	96.9	97.0 97.0	97.5	97.5	97.8	98 • U 98 • O
≥ 600	78.6	87.0 87.0	90.7	92.8	94.7		95.9		96.7	96.8	97.2		97.8		98.1	98.3
≥ 400	78.6	87.0 87.0	90.7	92.8	94.7	95.2	95.9	96.5	96.7	96.8	97.2	97.4	97.9	98.7	98.6	
≥ 200	78.6	87.0	90.7	92.8	94.7	95.2	95.9	96.5	96.7	96.9	97.4	97.9	98.7	98.9	99,5	100.0
≥ 0		87.0			94.7											100.0

TOTAL NUMBER OF OBSERVATIONS

846

USAF ETAC #784 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

24101 HILL AFB/OGDEN UTAH

57-70,73-78

"S.F.B

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VIS	BILITY STA	STUTE MILE	ES						
FEE'	≥10	≥6	≥ 5	≥ 4	≥ ડ	±2 ½	≥ ?	≥ຳ.	≥1 4	≥1	≥ '₄	5,7	≥	25 16	≥.	≥0
NO CEILING ≥ 20000	47.4		_ , (		55.2 57.3	55.3 57.4	55.4 57.6	55.7 57.8	55.7 57.8		55.7 57.8	55.7 57.8			55.9 58.0	55.9 58.0
≥ 18000	49.8 50.1	55.7 56.0		57.8 58.2	57.8 58.2	57.9 58.3	58.0 58.4	58.3 58.6	58.3 58.6			58.3 58.6		58.4 58.7	58.5 58.9	58.5 58.9
≥ 14000 ≥ 12000	50.8 52.6	56.9 58.6	60.3	60,8	59.0 60.8	60.9	59.2	61.2	59.5 61.2	59.5 61.2	59.5 61.2	59.5 61.2	59.6 61.3	59.6 61.3	59.7 61.5	59.7 61.5
≥ 10000	55.1 55.9	61.2 62.1	63,8	64,4		64.5	63.7			64.9		63.9	65.0	64 • 1 65 • 0	64.2 65.1	65.1
≥ 8000 ≥ 7000	58.4 61.0	67.6	69.4	70.0		70.1	67.1 70.2	67.4	70.4	70.4	70.4	67.4 70.4	70.6	70.6	67.6 70.7	70.7
≥ 5000	63.4 68.0	75.7	77.7	78.4		78.5				79.0	79,0	73.4	73.5 79.1	73.5	73.6 79.2	79.2
≥ 4500 ≥ 4000 ≥ 3500	70.3		80.9	84.5	84.5	81.7	84.8	85.1	82.2 85.1	85.1	85.1	82 • 2 85 • 1	82.3 85.2	85.2	82.4 85.3	
≥ 3000	74.1 75.4 76.7	82 • 2 84 • 3 85 • 8		88.1		85.7 88.2 90.0	88.3	88.7		88.7		86.2		88.8	86.4	88.9
≥ 2063	77.1	87.0		91.3	91.8	92.0	90.1 92.3 92.7	90.4 92.8 93.1	90.4 92.8 93.1	93.0	93.0	90.4 93.0 93.5	90.5 93.1	90.5 93.1 93.6	90.7 93.3	
≥ 1500	77.2	87.2	90.9	91.7		92.7	93.0	93.7		94.0	94.1	94.1	93.6 94.3	94.3	94.4	94.4
≥ 1000	77.2	87.4 87.4	91.1	1	92.8				94.4	94.7	94.9	94.9	95.3	95.4 95.5	95.5 75.6	95.5
≥ 800	77.2	87.5	91.4		93.0	93.3		94.9	95.0	95.4	95.7	95.7	96.1			96.3
≥ 500	77.2	87.6	91.4	92.2	;	93.3		95.0	95.2 95.4	95.6		96.1 96.7	96.5	96.7		97.2
≥ 400	77.2	87.7	91.5	92.3		93.4		95.2	95.5	96.1 96.2	96.7		97.5	97.9	98.2 99.1	98.5
≥ 200	77.2	87.7		92.3	93.1	93.4	94.0	95.3	95.6 95.6	96.2 96.2	97.2	97.6 97.6	98.5		99.5	99.8
	77.2	87.7	91.5	92.3	93.1	97.4	94.0	95.3	95.6	96.2	97.2			99.2		

TOTAL NUMBER OF OBSERVATIONS

846

USAF ETAC 100 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDFN JAH

67-76,73-78

FER

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS ILST

1 CEUNG							VIS	BIL!TY 51,	ATUTE MILI	ES						
feet	≥10	<b>≟</b> 6	≥5	≥4	≥3	≥2	≥ 2	≥i	≥' •	≥1	≥ '₄	≥,,	≥ ~	≥ 5 16	≥ .	≥0
NO (EILING . ≥ 20000	45.6 48.0	50.0 52.6	51.3 53.9	54.3	52.1 54.7	54.8	52.4 55.0	55.0	55.0	55.1	52.5 55.1	52.5 55.1	52.5 55.1	52.5 55.1	52.6 55.2	52.6 55.2
≥ 18000	48.5 48.9	53.1 53.5	1		55.2 55.6		55.5 55.9	55.6 55.9	55.6 55.9		55.6 56.0	55.6 56.0	55.6 56.0			55.8 56.1
≥ 14000 ≥ 12000	50.0 51.6	56.3			58.4	58.6	57.0 58.7		57.1 58.8				57.1 58.9	57.1 58.9	57.2 58.9	57.3 59.0
≥ 10000 ≥ 9000	54.4 55.6	60.3	61.8	62.3	62.6	62.8	62.9	63.0	63.0	61.8 63.0	63.0	63.0	63.1	63.1	61.9	62.0
≥ 8000	57.9 60.3	05.5	67.1	67.6	68.1	68.2	65.4 68.4	68.5		68.5	68.5	68.5				
≥ 6000 ≥ 5000	62.9				77.6	77.7	78.0	78.1		78.1		78.2	78.2	78.2	78.3	
≥ 4500 ≥ 4000 ≥ 3500	71.0	80.0	82.2	82.9	83.5	83.6	83.9	84.0	84.0		84.1	84-1	84.1	81.1 84.1	84.2	81.2
≥ 3000	74.9 76.5 77.7	83.5	86.0	86.8	87.5	87.7	85.5	88.1	88.1		88.2		88.3	88.3		88.5
≥ 2000	78.2 78.3	85.8	88.7	89.8	90.9	91.1		91.7	91.8	91.9	92.0	92.0	92.1	92.1	92,2	
2 1500	78.4 78.5	86.1	89,2	90.4	91.7	92.0	91.6 92.4 92.9	92.8	92.9	93.1	93.2	93.2	93.3	93.4	93,5	93.5
> 1000	76.5 78.5	40.4	89.0	- 1		92.8	93.4	93.9	94.1	94.5	94.8	94.9	95.1		95.3	
≥ 800	78.5 78.5		89.8	91.0	1	,	93.6	94.3	94.5	95.1	95.4	95.6	95.8	95.9	96.0	96.1
≥ 500	78.5 78.5	86.6	89.8	91.1	92.8	93.1	93.8	94.5	94.8	95.4	96.1	96.3	96.6	96.7 97.5	96.9	97.1
≥ 400	78.5 78.5	86.6	89.8	91.1	92.9	93.2		94.7	95.0	95.9	96.8	97.1	97.6	98.0 98.5	98.3	98.5
≥ 200	78.5 78.5	86.6	89.8	91.1	92.9	93.2	94.0	94.8	95.1	96.0	97.0	97.5	98.2	98 • 8 98 • 8	99.3	99.8
2 0	78.5			91.1		93.2	94.0	94.8	95.1	96.0	97.0	97.5	96.2	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_\_ 676

USAF ETAC FOLIA G-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

24101

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HILL AFB/CGDEN UTAH

07-70,73-78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CERING	· · · ·						VISI	BILITY STA	TUTE MILL	5						
FEET	≥10	≥0	≥ 5	≥ 4	≥3	≥2 %	≥ 2	≥1.	21 .	≥ ;	≥ '₄	> %	≥ 7	≥3 16	≳ .	≥0
NO CERING ≥ 20000	55.4 56.3			55.9 56.9			55.9 56.9	55.9 56.9	55.9 56.9		5 <b>5.</b> 9	55.9 56.9	56.9	56.9	56.9	56.9
≥ 18000 ≥ 16000	56.3 56.8		1 1		56.9 57.3	56.9 57.3	57.3	56.9 57.3	56.9 57.3	57.3	56.9 57.3	56.9 57.3		57,3	57.3	57.3
≥ 14000 ≥ 12000	58,5 60,4	61.1	51.1	61.1	59.0 61.1	59.0 61.1	61.1	59.0 61.1	59.0 61.1	61.1	61.1	59.0 61.1	61.1	61.1	61.1	61.1
≥ '0000 ≥ 9000	63.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9		65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 8000 ≥ 7000	70.0	70.9		71.0		68.2 71.0			68.2 71.0		71.0	68.2 71.0 74.6	71.0	71.0	71.0	71.0
≥ 6000 ≥ 5000	73.5 79.4 81.8	81.0	81.0	81.2			81.2		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3
≥ 4000 ≥ 3500	85.1	87.2	87.2	87.4	87.4		87.4	88.7	87.4	87.4	87.4	87.4	87.4	87.4	87,4	87.5
≥ 3000 ≥ 2500	88.4	91.0	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5 93.2	
≥ 2000 ≥ 1800	89.8	93.1	93.8	94.4			94.6	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8
≥ 1500	89.8		+	94.5	94.7	94.7	94.8	94.9	95.1	95.2		95.3	95.4		95.4	
2 1000 2 900 2 800	89.8	93.4	94.1	94.7	94.9	95.1	95.4	95.5	95.6	95.9		96.2		96.3	96.5	
≥ 700 ≥ 600	89.8	93.5	94.3	94.9	95.2		95.7	95.8	96.0			96.9	97.1	97.2	97.3	97.4
≥ 500 ≥ 400	89.8		94.3	95.1	95.3	95.5	95.8		96.3	97.0		97.4	97.6	98.0	98.1	
≥ 300 ≥ 200	89.8	2	94.3		95.3	95.5 95.5	95.9	96•1 96•1	96.5 96.5	97.3 97.3	97•7 97•7	97.8 97.8	98•3 98•4	98•7 98•9	98.9 99.5	99.8
2 19		93.		95.1 95.1	95.3 95.3	95.5 95.5	95.9 95.9	96•1 96•1	96.5 96.5	97.3	97.7 97.7			98.9 98.9	·	,

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING	VISIANITY STATUTE MILES															
FEET	≥10	≥6	≥ 5	2.1	≥ 3	≥2 ,	≥ 2	اٰ≲	≥11.	≥1	≥ ′4	≥,,	≥	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	53.2 55.9				54.0 56.7						54.0 56.7					
≥ 18000 ≥ 1600G	56.0	56.7 57.4	56.7	56.7	56.8		56.8	56.8	56.8	56.8		56.8	56.8	56.8	56.9	
≥ 14000 ≥ 12000	58.8 60.6	59.5 51.4	59.5 61.4	59.5 61.4	59.6 61.5	59.6 61.5		59.6 61.5			1	59.6 61.5	59.6 61.5	59.6 61.5	59.7 61.6	59.7 61.6
≥ 10000 ≥ 9000	64.0	64.8		66.0	64.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	,	66.2	
≥ 8000 ≥ 7000	66.7 70.3	67.5 71.3		71.3	71.4	71.4	71.4		71.4	71.4	71.4	71.4	71.4	67.6	71.5	67.7 71.5
≥ 6000 ≥ 5000	73.0 78.5	74.1 79.8		79.9	74.2 80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1	74.2 80.1	74.2 80.1	80.2	
≥ 4500 ≥ 4000	80.4 82.0	83.3	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8		83.9	83.9	82.2	84.0	82.3
≥ 3500 ≥ 3000	83.9 85.5	87.2	37.7	87.7		87.8	98.0	88.1	88.1	88.1	88.1	88.3	88.3		88.4	
≥ 2500 ≥ 2000 ≥ 1800	86.7 87.6			91.8		92.4	92.7	90.2	92.8	92.9	93.0	93.2	93.2		93,4	
≥ 1500 ≥ 1500	87.6 88.0 88.1	91.2		92,8	93.4	- : :	94.0	93.0	94.1	94.2		94.6	94.6	94.7	94.8	94.8
≥ 1000	88.4	91.8	93.3	93.5	94.3	94.5	95.2	95.4	95.4	95.5	95.8	96.1	96.1	96.2	96.3	96.3
≥ 800	88.4	92.0	93.8	94.0	94.7	95.1	95.7	95.9	95.9	96.0	96.5	96.8	96.9	97.0	97.1	97.1 97.5
≥ 500	88.4	92.2	93.9	•	94.8	95.3	96.0	96.5	96.5	96.7	97.2 97.5	97.5	97.6	97.7		97.8
≥ 400	88.4	92.2	93.9	94.1	94.8	95.3	96.2	96.8	96.8	97.0	97.5 98.0	97.8	98.1	98.3	98.5	
≥ 200	88.4			94.1	94.8	95.3	96.3	97.0	97.0	97.3	98.0	98.3	98.6	99.2	99.5	99.7
2 0	88.4	92.2	93.9	94.1	94.8	95.3	96.3	97.0	97.0	97.3	98.0	98.3	98.6	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 10134 0-14-5 (OL A) memous editions of this form are obsolet

### CEILING VERSUS VISIBILITY

24101 HILL AFB/DGDEN UTAH

67-70,73-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEIL NG	JISIBILITY STATUTE MILES															
FEET	≥10	≥6	≥5	≥4	≥ 3	≥?	≥?	≥i,	≥1.	≥1	≥	≥ •	2	≥5 16	≥ .	≥0
NO CEILING	49.5	49.8	49.8	49.8	50.0	50.0	50.0	50 a (x	50.0	50.0	30.0	50.0	50.0	50.0	50.0	
± 20000	51.4	51.7	51.7	51.7	51.9	53.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	21.9	51.9	51.9
≥ '8000	51.8	52.2				52.4	52.4	52.4	52.4	52.4	52.4	52.4	72.4	76.4	26.4	2207
> '600"	52.5	52.8		52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0		53.0 53.5		53.5
≥ 14000	53.0					53.5	53.5	53.5	53.5	23.2	56.5	30.0	35.5 86.5	56.5		1
≥ 12000	55.9			56.2				56.5			61.4	61.4	61.4	61.4	61.4	61.4
≥ 9,000	60.8	:	61.1	61.1	61.3	61.4	61.4	61.4	62.6	62.6	62-6	62.6	62.6	62.6	62.6	62.6
,	61.8				65.7	65.8	62.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 8000 ≥ 7000	68.7	69.1	1	69.6	69.4	69.7	69.7	69.7	69.7	69.7	69.7	59.7	69.7	69.7	69.7	69.7
≥ ₀000	72.9				73.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
5000	78.6				79.9	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80,2	80.2
> 45°X	<del>, , , , , , , , , , , , , , , , , , , </del>	81.2	81.4	81.6	81.8	81.9	81.9	82.0	82.0	82.0	82.2	82.2	82.2			82.2
200		84.0	84.2	84.5	84.7	84.8	84.8	85.1	85.1	85.2	85.3	<u>85.3</u>	85.3	85.3		
≥ ,500	85.3	85.9	04 2	86.7	RA C	87.0	87.0	97.3	87.3	87.4	87.5	87.5	1 87.5	87.5	87.5	87.6
≥ 3000	87.0	87.7	88.3	88.7	88.9	89.0	89.1	89.7	89.7	89,8	89.9	89.9	89.9	89.9	01.5	90.0
≥ 2500	88.2	89.0	89.6	90.1	90.3	90.4	90.6	91.2	91.2	91.4	91.5	91.5		1	_	
> 3000	88.9	90.0	91.0	91.6	92.2	92.3	92.5	93.1	93.1	93,4	93.5	93.5	-			94.0
≥ 1800		90.2	91.3	91.9	92.5	92.6	92.8	93.4	75.4	75.0	73.7	93.9			94.9	
1 2 1500	89.4		92.2	92.8	93.4	93.5	93.0	94.5	94.5	74 • 0	94.7	95.2	95.2			95.3
≥ 1200 } > 1000	89.5		92.3	92.9	73.0	93.1	93.7	94.6 95.4	96.4	96-0	96.1	96.2				
	89.5			93.0	73.0	92.0	94.5	95.5	95.5	96.1	96.2	95.3	96.3	96.3	96.5	96.6
i ≥ 900 ≥ 800	89.5		92.4	03.1	93.0	94.0	94.6	95.7	95.8	96.5	96.8			•	97.2	97.3
	89.5	<del></del>		03.1	93.0	94.0	94.6	95.8	95.9	96.7	97.0	97.1	97.3	97.4	97.5	97.5
≥ 705	89.5	1	02.5	93.1	93.0	94.0	94.6	95.8	95.9	96.9	97.2	97.4	97.6	97.7	98.0	98.1
2 500	89.5		92.5	93.1	97.0	94.0	¥ 94.6	95.9	96.0	97.1	97.4	97•6	97.8	Y8•0	70.6	78.0
1 ≥ 400		91.1	02.5	03.1	93.0	94.0	1 94.7	96.0	96.1	97.3	97.6	97.8	98.4	98.5	70.	1 98 . 8
≥ 300	89.5		92.	∜ Q3. I	92.0	96	N 94.8	96.2	96.3	97.5	97.8	98.3	98.0	70.7	77.4	7900
± 200	89.5	91.1	02.5	93.1	93.0	94.0	94.8	96.2	96.3	97.5	97.8	. 98•3	98.5	<b>479•</b> 0	1 77.6	1100.0
> 100	89.5	91.1	92.5	93.1	93.9	: 94.5	¥ 94.8	6 56.2	96.3	97.5	97.8	98•3	8 A8 • 2	( 77 e)	77.0	ùrΩ0 • ∩
2	1 89.5	91.1	92.	93.1	93.9	94.0	94.8	95.2	96.3	97.5	97.8	98.2	78.7	77.0	77.0	11 00 • C

USAF ETAC : 0-14-5 (OL A) mexicus editions or this form are desolete

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#### CEILING VERSUS VISIBILITY

24101 HILL AFB/CODEN UTAH

07-70,73-78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0500-1100

I FILING							VI\$1	BILLIN STA	ATUTE MILI	ES						
,	≥10	≥6	≥5	24	≥3	≥2	≥?	≥ì	ړ ۱≤	اج ا	≥ !	≥ .	≥ .	25 16	≥.	≥0
NO CEILING ≥ 20000	50.4 52.4	51.2 53.2	51.3 53.3	51.3 53.3	51.3 53.3	1		51.3 53.3			51.3 53.3	51.3 53.3		51.3 53.3	51.3 53.3	
2 181XV 2 16000	53.5 53.8			54.5 54.7	54.5 54.7		• 1	54.5 54.7		54.5 54.7	54.5 54.7	54.5 54.7			54.5 54.7	
≥ 14000 ≥ 12000	54.5 57.2	58.1	58.2	58.2	55.5 58.2	58.2	58.2		58.2	58.2		58.2	58.2	58.2	58.2	58.2
≥ 9000	61.1		62.6	62.6	62.6	62.6	62.6	62.0	62.6	62.6	62.6	62.6	62.6	62.6	62,6	
2 8000 2 7000	64.3 67.5	68.4	68,5	68,5		68.5	66.5	65.3 68.5	68.5	68.5	68.5		68.5	68.5	68.5	
≥ 6000 > 500°	72.9	78.2	78.3	78.3		71.3	78.3	78.3	78.3	74.0 78.3	78.3	78.3	78.3	78.3	78.3	
> 4500 ≥ 4600 ≥ 3500	80.6 82.6	84.7	84.3	84.3	81.6 84.3	84.3	84.00	1.3	84.3		84.4	84.5	84.5	84.5	84.5	
≥ 3000	84.3	88.7	88.9	88.9	89.0	89.0	86.0 89.0	89.1	89.1		89.2	86.2	89.5	89.5	89.5	
≥ 2000	87.6 88.0	90.1	90.9	91.1	91.3	90.1 91.3	21.5			91.8	90.5	90.6	90.8 92.3	90.8	92.3	90.8
≥ 1500	88.0 88.1 88.1			91.3	91.7		92.0	92.3	92.4		92.2	92.9	92.5	92.5 93.0 93.1	93.0	93.0
≥ 1000	88.2	90.5	91.3	91.7	92.4	92.4		93.1		93.4	92.7 93.7 94.2	93.0 94.0 94.5	94.1	95.1	94.1	
2 800 2 700	88.2	90.5			92.6	92.6	93.1	3.4	93.8	94.2	94.7	25.2	95.7	95.7	95.7	95.7
2 600	88.2	90.6	91.4	92.0	92.7	92.8	93.7	94.1	94.4	95.1		96.3	97.1	97.2	97.2	97.2
≥ 400	88.2	90.6	91.5	92.3	92.9		9,,9	94.4		95.5	96.5	97.2	98.2	98.4	98.4	98.4
2 100	88.2	90.6	91.5		92.9	93.0	93.9	94.4	94.7	95.6	96.7	97.5		99.4	99,9	99.9 100.0
2 0	38.2		_					94.4				97.5		1 .		100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC PARA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDEN UTAH

67-76,73-78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING	VISIBULITY STATUTE MILES															
FEET	≥10	≥6	≥5	≥4 1	≥ 3	≥≥, ;	≥2	≥1	≥1.	≥1 i	2.	٤,	≥ -	≥ 5 16	≥ .	≥0
NO CEILING ≥ ,'0000	49.5 53.5	50.6 54.7	50.9 54.9	50.9 55.1	50.9 55.1	50.9 55.1	50.9 55.1			50.9 55.1	50.9 55.1	50.9 55.1	50.9 55.1	50.9 55.1	50.9 55.1	
≥ 18000 ≥ 16000	54.3 55.1	55.5	55.7 56.5	55.8 56.6	55.8 56.6	55.8 56.6	55.8 56.6	56.6	56.6					55.8 56.6	55.8 56.6	56.6
≥ 14000 ≥ 12000	56.5 58.2	57.6 59.5	57.8 59.7	59.8	58.0 59.8	58.0 59.8	59.8	59.8	58.0 59.8		58.0 59.8		58.0 59.8		59.8	59.8
≥ 9000 ≥ 9000	62.0 62.9	64.3	63.5	63.7 64.6	64.6	63.7	64.6	64.6			64.6	64.6	64.6	64.6		64.6
≥ 8000 ≥ 70°0	65.2 68.6	66.6 70.0	70.2	70.3		70.3	66.9 70.3	70,3	70.3	70.3	70.3			70.3	70.3	70.3
≥ 6000 > 5000	70.9	72.3 78.4	72.5 78.6	72.6 78.7		72.6 78.7		78.7	78.7	78.7		78.7	78.7	72.6 78.7	78,7	78.7
± 4500 ≥ 4000	79.7 83.3	81.2 85.1	81.4 85.4	81.5 85.5	85.6	85.6	85.6		85.6	85.6	85.6	85.6	85.6	85.6	81.6 85.6	
≥ 3500 ≥ 3000	84.2 85.8	87.6	86.3		88.9			88.9		88.9	88.9	88.9	88.9			88.9
≥ 2500 ≥ 2000	86.7	88.8	89.6 90.3		91.4		91.6	90.3 91.6	91.6	91.6		91.6	91.0	91.7	91.7	91.7
≥ 1800 ≥ 1500	87.3 87.5	89.5 89.8		91,7	92.4		92.6	91.8 92.6	92.6	92.6	92.7	92.7	92.7	91.9	92.8	
≥ 1200 ≥ 1000	87.6 87.6	90.0	91.5		92.8 93.0	93.0		93.5			93.2	94.3	94.4		94.5	94.5
≥ 90¢ ≥ 800	87.6 87.6	90.2		92.3	93.1	93.5 93.5		94.3	94.4	94.8	94.5		95.5	94.8	95.6	
≥ 700 ≥ 600	87.6 87.6	90.2	-	92.3		93.5		94.6	94.7	95.5	95.6 96.0	96.5	97.0		97.3	97.3
≥ 500 ≥ 400	87.6 87.6	90.2		92.3		93.5 93.5		94.8		95.7	96.6	97.1		98.3	98.3	98 •
≥ 300	87.6	90.2		92.3	93.1 93.1	93.5 93.5		94.8	94.9	95.8 95.8 95.8	96.7		98.4	99.5		99.5
≥ 100 ≥ 0	87.6	90.2		92.3		93.5				95.8			- ' ' i	99.6		100.0

TOTAL NUMBER OF OBSERVATIONS 9

### CEILING VERSUS VISIBILITY

24101

HILL AFB/OGDEN UTAH

67-70,73-78

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CERUNG							VIS	IBILITY ST	ATUTE MIC	ž S						
•€€1 !	≥ 10	≥ه	≥ 5	≥ 4	≥ 3	≥2 -	≥ 2	≥1	, احِ	≥1	≥ .	≥ .,	≥	≥ 5 16	≥ .	≥0
NO (EILING ≥ 20000	50.5 54.9	51.1 55.5		1				1				51.2 55.6	51.2 55.6		51.2 55.6	51.2 55.6
≥ 18000 ≥ 16000	55.7 56.7	56.2 57.2	56.3 57.3	56.3 57.3	56.3 57.3		56.3 57.3	56.3 57.3	56.3 57.3	56.3 57.3	56.3 57.3	56.3 57.3	56.3 57.3	56.3 57.3	56.3 57.3	56•3 57•3
≥ 14000 ≥ 12000	59.1 60.9	59.7 61.4		59.8 61.5	59.8 61.5	59.8 61.5		59.8 61.5	59.8 61.5	59.8 61.5	59.8 61.5	57.8 61.5	59.8 61.5	59.8 61.5	59.8 61.5	59.8 61.5
≥ 10000	64.5 65.8	65.1	Ai		65.2 66.5		65.2 66.5		65.2 66.5	65.2	65.2	65.2	;	65.2 66.5	65.2	
≥ 8000 ≥ 7000	69.1 72.2	69.8		73.0	73.0	73.0	73.0	73.0	69.9 73.0	69.9 73.0		69.9 73.0	73.0	69.9 73.0	69.9 73.0	•
2 6000 2 500°	76.7 81,9	77.5 82.9		83.0		83.0	83.0		77.6 83.0	77.6 83.0				77.6 83.0	77.6 83.0	
> 4500 ± 4000	84.6	85.6	89.9	89.9		89.9	89.9	85.7 89.9	89.9	89.9	89.9	85.7 89.9	89.9			
≥ 3500 ≥ 3000	88.9	90.4	91.6	91.5	90.8	91.7	91.8	91.8			91.8		91.8			1
≥ 2500 ≥ 2000	90.2	92.2	92.5	93.1	92.6	93.2	93.5	93.8	92.7 93.8	92.7 93.8	92.7 93.9	93.9				
≥ 1800	90.3	92.5	92.9		93.5	93,5			93.8		94.6	93.9 94.6			94.6	94.6
≥ 1200 ≥ 1000	90.5	92.9		93.9		94.7			96.3	96.3	95.5	95.4	96.5	96.5		96.5
≥ 800	90.5	93.0	93.7	93,9		94.7	95.5	96.5	96.5	96.6	96.7	96.6 96.7	96.7		96.8	96.8
≥ 700 ≥ 600	90.5	93.0	93.7		94.3		95.5	96.6	96.8	97.0	97.2	97.3	97.4	97.5	97.1 97.5	97.5
≥ 500 ≥ 400 ≥ 300	90.5 90.5 90.5	93.1 93.1	93.8 93.8	94.1	94.5 94.5		95.7	95.8 97.0 97.0	97.2	97.6	97.8	98.2	98.5	98.7	98.4 98.8 99.7	98.8
≥ 200	90.5	93.1	93.8	94.1	94.5	94.9	95.7	97.0	97.2	97.6	98.1	98.4	99.0	99.5	99.8	100.0
2 100 2 0	90.5	93.1			94.5			97.0			98.1 98.1		99.0	99.5		100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 1, c4 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

24101

HILL AFB/UGDEN UTAH

67-70,73-78

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VIŞI	BILITY STA	TUTE MILE			<del></del>				
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2;	≥?	≥1.	≥1'a	≥1	≥ '₄	≥',	≥ .	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	52.5 55.2	53.2 56.0	53.5 56.3	1	53.5 56.3	53.5 56.3	50.5 56.3	53.5 56.3	53.5 56.3			53.5 56.3	53.5 56.3		53.5 56.3	
≥ 18000 ≥ 16004	55.8 56.7	56.7 57.5	57.0 57.8	57.0 57.8	57.0 57.8	57.0 57.8	57.0 57.8	57.0 .7.8	57.0 57.8	1			57.8 57.8	1	57.0 57.8	57.0 57.8
≥ 14000 ≥ 12000	59.2 63.4	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	60.4	64.6	64.6
≥ 9000	67.1	70.0	70.5	70.3	70.4	70.4	70.4	68.7 70.4	68.7 70.4		68.7 70.4	<del></del>	68.7 70.4		68.7 70.4	70.4
≥ 8000 ≥ 7000	71.8 75.1 78.0	73.0 76.5 79.5	73.3 76.8 79.8	73.3 76.8 79.8	77.0	73.4	73.4	73.5	73.5		77.1	77.1	73.5	73.5	73.5 77.1	73.5
≥ 6600 ≥ 5000 ≥ 4500	83.3	85.5	86.0	86.1 88.2	80.0 86.3 88.4	80.0 86.3 88.4	80.0 86.5 88.5	80.1 86.6	80.1 86.6 88.6	80.1 86.6 88.6	86.6	80.1 86.6 88.6	80.1 86.6 88.6			80 • 1 86 • 6 88 • 6
≥ 4000 ≥ 3500	86.2	89.0	89.7	89.8	90.0	90.0	90.1	90.2		90.2	90.2	1	90.2	90.2	90.2	90.2
≥ 3000	88.d	91.4	92.3	92.5	92.9	92.9	93.0		93.1	93.1	93.1	93.2	\$3.2 94.4	93.2	93,2	93.2
≥ 2000	88.8	92.9	94.0	94.2	94.6	94.7		95.1	95.1 95.1	95.1	95.1	95.2	95.2 95.2	95.2	95.2	95.2
≥ 1500	89.0	93.3	94.5	94.7	95.2	95.3	95.5	95.6 95.8	95.6	95.6 95.7	95.7 95.8	95.9	95.8 95.9	95.9		
≥ 906		93.8	94.9	95.2	95.9	96.1	96.3	96.9	96.9	\$7.2		97.4	97.4	97.4	97.4	97.4
≥ 800 ≥ 700 ≥ 600		93.8	94.9	95.3	96.1	96.3	90.8		97.4	97.8	97.8	98.1	98.0 98.1	98.1	98.1	
≥ 500 ≥ 400	89.1	93.8 93.8 93.8	95.1	95.4 95.4 95.4	96.2 96.2	96.5 96.5 96.5	96.9	97.5		98.0			98.2 98.5	98.2	98.2	98.2
≥ 300		93.8	95.1			96.5	97.0 97.0	97.7	97.8	98.4		98.7	98.8	98.8	98.9	99.0
≥ 100 ≥ 0		93.8	95.1	95.4	96.2		97.0	97.8		98.7	98.8 98.8	97.0	99.2	99.4	99.9	

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_93

USAF ETAC 101 ca 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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### CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDEN UTAH

07-70,73-78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VISI	BILITY STA	TUTE MILE	5						
FEET	≥ 10	≥6	≥ 5	≥4	≥3	≥2.	≥2	≥(	≥1.	≥ '	≥ '•	≥ .	≥ ".	≥ 5 16	≥ .	≥0
NO CEILING	56.1 57.5		57.2 58.6		57.2 58.6			57.2 58.6					57.2 58.6	57.2 58.6		57.2 58.6
≥ 18000 ≥ 16000	58.2 58.6		59.2	59.2 59.8	59.2	59.2	59.2	59•2 59•8	59.2	59.2	59.2	59.2	59.2	59.2	59.2 59.8	59.2 59.8
≥ 14000 ≥ 12000	60.9	62.0		- 1	62.0			62.0					62.0 64.7			62.0
≥ 10000 1 ≥ \$000	66.1 67.7	67.3		_ '	- ;	69.4	69.5	67.7	69.5	69.5	69.5	64.5	67.7	1		67.7 69.5
≥ 8000 ≥ 7000	69.6 73.0		74.3		74.6	74.6	74.7	71.3 74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 6000 ≥ 500°	75.6 80.6	82.5	82.5	82.8			82.9	77.3 82.9	82.9	82.9	82.9		82.9	82.9	82.9	82.9
± 4500 ≥ 4060	82.4 85.3	87.5	87.7	88.1		88.2	88.3	85.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	
≥ 3500 ≥ 3000	86.2 88.2	91.4	92.3	92.8		92.9	93.0	89.4 23.0	93.0	93.0	93.0	93.0	93.0		93.0	
≥ 2500 ≥ 2000	88.5	92.6	93.5	94.3	94.7	94.7	94.8	93.7 94.8	94.8	94.8	94.8	94.8	93.7 94.8	94.8	94.9	94.9
≥ 1800	89.1 89.2		94.1	95.2	95.7	95.7	95.8	94.8 95.8	95.8	95,9	95.9			95.9	96.0	
≥ 1200 ≥ 1000	89.2 89.4	93.3	94.4	95.6	96.2	96.2	96.5	95.8 96.6	96.6	96.7	96.8		96.9	96.9	97.0	97.0
≥ 800	89.4	93.3	94.4	95.6	96.2		96.5	96.6	96.6		96.8	96.8	96.9	96.9	97.0 97.0	97.0
≥ 700 ≥ 600	89.4	93.3	94.4	95.6 95.7	96.3		06.6	96.7	96.7		96.9	96.9		97.2		97.3
≥ 500 ≥ 400 ≥ 300	89.4 89.4		94.4	95.7	96.3	96.5	96.7	97.0 97.0	97.1		97.6	97.5 97.6 97.8	98.2	98.2	98.1 98.4 98.8	98.4
2 200	89.4	93.3		95.7	96.3	96.5	95.7	97.0 97.0	97.1	97.4	97.8	97.8	98.8	99.2	99.7	99.9
2 0								97.0								

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

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24101 HILL AF8/DGUEN UTAH 67-70,73-78 HAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES ≥, ≥1. ≥ 5 16 ہ≤ ≥ 5 > 10 52 1 52 9 53 0 53.0 54.7 55.4 55.6 1 20000 55.5 55.5 56.1 56.1 56.1 56.1 56.8 56.8 56.8 56.8 ₹ 18000 18000 55.2 56.0 55.8 56.6 ≥ 12000 ≥ 10000 ≥ 900° 2 8000 2 7000 ≥ 6000 ≥ 5000 ≥ 4500 ≥ 4000 3500 3000 88.2 90.6 91.3 91.6 91.8 91.8 91.9 92.0 92.0 92.1 92.1 92.1 88.7 91.4 92.3 92.7 93.0 93.1 93.3 93.4 93.5 93.5 93.6 93.6 92.2 92.2 92.4 93.7 93.7 2500 88.7 91.4 92.3 92.7 93.0 93.1 93.3 93.4 93.4 93.5 93.5 93.6 93.6 93.7 93.7 93.7 93.7 88.8 91.4 92.3 92.8 93.2 93.2 93.4 93.6 93.6 93.6 93.7 93.8 93.8 93.8 93.8 93.8 91.8 92.8 93.3 93.8 93.8 94.1 94.3 94.3 94.4 94.5 94.6 94.6 94.6 94.6 94.6 94.7 89.0 91.9 92.9 93.4 94.0 94.0 94.3 94.5 94.6 94.7 94.8 94.9 94.9 94.9 95.0 95.0 89.1 92.1 93.2 93.7 94.4 94.5 94.9 95.3 95.4 95.6 95.8 95.9 96.0 96.0 96.1 96.1 96.1 89.1 92.2 93.3 93.9 94.4 94.6 95.0 95.4 95.5 95.8 96.0 96.1 96.2 96.2 96.3 89.1 92.2 93.3 93.9 94.5 94.8 95.2 95.7 95.8 96.1 96.4 96.5 96.7 96.7 96.8 96.8 89.1 92.2 93.3 93.9 94.5 94.8 95.3 95.9 96.0 96.3 96.7 96.8 97.0 97.1 97.2 97.2 89.1 92.2 93.3 93.9 94.6 94.8 95.3 95.9 96.0 96.3 96.7 96.8 97.0 97.1 97.2 97.2 89.1 92.2 93.3 93.9 94.6 94.8 95.3 95.9 96.1 96.6 96.9 97.2 97.4 97.6 97.6 97.6 89.1 92.2 93.3 93.9 94.6 94.8 95.3 95.9 96.1 96.6 96.9 97.2 97.4 97.6 97.6 97.6 89.1 92.2 93.3 93.9 94.6 94.8 95.3 95.9 96.1 96.6 96.9 97.2 97.4 97.6 97.6 97.6 97.6 89.1 92.2 93.3 93.9 94.6 94.8 95.3 95.9 96.1 96.8 97.3 97.6 97.9 98.1 98.2 98.2 2. 1500 1200 900 800 89.1 92.2 93.3 89.1 92.2 93.3 89.1 92.2 93.4 600 94.0 94.6 94.9 95.4 96.1 96.3 96.8 97.3 97.6 94.0 94.6 94.9 95.5 96.2 96.4 97.0 97.5 97.8 97.9 98.1 98.2 98.2 98.2 98.4 94.0 94.6 94.9 95.5 96.3 96.5 97.1 97.6 98.0 98.6 99.0 99.2 99.3 94.0 94.6 94.9 95.5 96.3 96.5 97.1 97.7 98.0 98.7 99.2 99.7 99.9 94.0 94.6 94.9 7.5 96.3 96.5 97.2 97.7 98.1 98.8 99.3 99.8100.0 94.0 94.6 94.9 55.5 96.3 96.5 97.2 97.7 98.1 98.8 99.3 99.8100.0 93.4 89.1 92.2 93.4

TOTAL NUMBER OF OBSERVATIONS 7440

USAF ETAC 1964 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

24101 HILL AFB/DGDFN UTAH

p7-70,73-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VISI	BILLTY STA	ATUTE MILE	5					<del></del>	
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2.	≥ 2	≥1 7	≥1.	≥1	≥ ′₄	≥ >•	≥ ^	≥ 5 16	≥ .	≥0
NO CEILING 2 70000	55.4 56.4	55.7 56.7			55.7 56.7										55.7 56.7	
≥ 18000 ≥ 16000	57.4 57.7	57.7 57.9		1	57.7 57.9				57.7 57.9			- 1	57.7 57.9		1	57.7 57.9
≥ 14000 ≥ 14000		58.3 60.4	60.4		60.4	60.4	64.4	60.4		60.4	60.4	60.4	60.4	60.4		- 1
≥ 10000 ≥ 9000	66.9		67.2	67.2	67.2	67.2	67.2	67.2	67.2	67,2	67.2	67.2	67.2	67.2		67.2
≥ 8060 ≥ 7000	72.8	73.6	73.6	73.6	69.9 73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 6000 ≥ 500°	81.8	82.6	82.7	82.7	78.1 82.7	82.7	87.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82,7	82.7
≥ 4500 ≥ 4000	84.3	86.0	86.1	86.2	84.4	86.2	86.2	86.2	86.2	85.2	86.2	86.2	86.2	86.2	86,2	86.2
≥ 3500 ≥ 3000 ≥ 2500	86.7		89.0	89.1	87.7 89.1 90.3	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2		89.2
≥ 2000	88.1	90.4	91.4	91.6	91.9	91.9	91.9	92.0		92.0	92.0	92.0	92.0	32.0	92.0 92.1	92.0
± 1500 ± 1500 ≥ 1200	88.4	91.2	92.7	93.0	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000 ≥ 900	88.6	91.4		93.2	94.2	94.2	94.7	95.0	95.2 95.3	95.3	95.3	95.3	95.4	95.4	95.6 95.7	95.6
≥ 800 ≥ 700	88.6	91.4	92.9	93.2	94.2	94.2	94.7		95.4	95.7	95.7		95.8	95.8	95.9	95.9
≥ 500	88.6	91.4	92.9	93.2 93.3	94.3	94.3	94.9	95.4	95.7 96.2	96.1	96.4		96.6	96.6	96.7 97.9	96.7
≥ 400 ≥ 300	88.6	91.4		93.3	94.4	94.4	95.3	96 • 1 96 • 1	96.7 96.7	97.6 97.6	98.2 98.3	98.3 98.7	98.8 99.1	99.3		99.8
≥ 100	88.6	91.4	92.9	93.3	94.4	94.4	95.3 95.3	96.1 96.1	96.7 96.7	97.6 97.6	98.3 98.3	98•7 98•7	99.1 99.1	99.3	99.8	99.9 100.0
≥ 0	88.6				94.4											

TOTAL NUMBER OF OBSERVATIONS...

USAF ETAC 100 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

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24101

HILL AFB/UGDEN UTAH

67-70,73-78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CFILING							VISI	BILITY -STA	TUTE MILE	.5						
! FEFT	≥10	≥6	≥ 5	≥ 4	≥3	≥2 າ	≥2	≥íı	≥1.	≥1	≥ 'a	≥ '∗	<b>≥</b>	≥5 16	٤.	≥0
NO CEILING ≥ 20000	52.8 54.9	52.8 54.9	52.8 54.9	52.8 54.9	52.8 54.9	52.8 54.9	52.8 54.9	52.8 54.9	52.8 54.9	52.8 54.9	52.8 54.9	52.8 54.9	52.8 54.9	54.9	52.8 54.9	
≥ 18000 ≥ 18000	55.7 55.8	55.7 55.8	55.7 55.8	55.7 55.8	55.7 55.8	55.7 55.8	55.7 55.8	55.7 55.8	55.7 55.8	55.7 55.8	55.7 55.8	55.7 55.8	55.7 55.8	55.7 55.8	55.7 55.8	55.7 55.8
, ≥ 14000 ≥ 12000	56.9 59.7	56.9 59.7	56.9 59.7	56.9 59.7	56.9 59.7	56.9 59.7	56.9 59.7	56.9 59.7	56.9 59.7	56.9 59.7	56.9 59.7	56.9 59.7	56.9 59.7	59.7	56.9 59.7	56.9 59.7
≥ '0000 ≤	64.2 65.4	65.4	64.2	64.2	65.4	65.4	64.2	65.4	64.2	64.2 65.4	64.2	64.2	64.2		64.2	65.4
≥ 8000 ≥ 7000	69.4 73.3	73.3	69.4 73.3	69.4 73.3	73.3	69.4 73.3	69.4 73.3	73.3	69.4 73.3			69.4	69.4 73.3	73.3	69.4 73.3	73.3
≥ 6000 ≥ 5000	76.8 82.2	76.9 82.8	76.9 82.8	76.9 82.8		76.9 82.8	76.9 82.8		76.9 82.8	76.9 82.8		76.9 82.8	76.9 82.8	76.9 82.8	76.9 82.8	
≥ 1500 ≥ 4000	83.7 85.0	84.2	84.3	84.3 85.9	85.9	84.3	84.3		84.3 85.9	84.3 85.9		84.3 85.9	84.3	84.3 85.9	84.3 85.9	85.9
≥ 3500	85.7 87.6	86.8	87.0 89.3	87.1 89.4	89.4	87.1	87.1		87.1 89.6	87.1 89.6		87.1 89.6	87.1		57.1 89.6	89.6
≥ 2500	88.9	90.2	90.8	91.6	91.7	91.0 91.7	91.0 91.7	91.9	91.2 91.9		91.2 92.0	91.2	91.2 92.0	92.0	91.2 92.0	
≥ 1860 ≥ 1560	89.1 89.7	90.8	91.6 92.3	92.4		91.8 92.9	91.8	93.3	92.0 93.3	92.1 93.4	92.1 93.4	92.1	92•1 <u>93</u> •4		92.1 93.4	92.1
2 1000	89.7 89.7	91.4	92.6		93.6	93.4	94.0		93.9	94.4	94.6	94.1	94.1 94.6			
≥ HOG ≥ 700	89.7	91.8 91.8	92.7 92.9		93.7 94.0 94.2	93.8	94.7		94.3	95.3	95.6		94.7 95.6	95.6	94.7 95.6 96.0	95.6
≥ 600 ≥ 500	89.7	91.8	1	93.2	94.2	94.3	94.9 94.9 95.2	95.3	95.2 95.3 96.0	95.8	96.1	95.9 96.2 97.7	96.0 96.3 97.9	96.3	96.3 98.1	96.3
≥ 400 ≥ 300	89.8	91.9	93.1	93.3	94.6	94.7		96.2	96.3		97.8	98.1	98.3	98.7	98.7	
≥ 200	89.8	91.9	73.1	93.3	94.7	94.8	95.4	96.3	96.4	97.1	98.0	98.6	99.0	99.6	99.6	99.6
± 0		91.9			94.7		95.4			97.1			99.0		1	100.0

TOTAL NUMBER OF OBSERVATIONS.

900

USAF ETAC .... 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

24101

HILL AFB/OGDEN UTAH

67-70,73-78

APR

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CHUNG							VIS	BILITY STA	ATUTE MILI	ES.						
FEET ]	≥10	≥.6	≥5	≥ 4	≥ 3	≥2;	≥ 2	≥i,	≥1.	≥1	≥ '₄	≥ '₃	≥ ~	35 16	≥ .	≥0
NO CEILING 20000	50.3 52.9				50.6 53.1									50.8 53.3		
≥ 18000 ≥ 16000	53.3 53.8	53.4 53.9	54.0	54.0		54.0	54.0	54.2	54,2	54.2	54.2	54.2	54.2	53.8 54.2	54,2	54.4
≥ 14000 ≥ 12000		58.0	59.0	55.7 59.0	59.2	59.2	55.7 50.2	59.4	59.4	59.4	55.9 59.4	59.4	59.4	59.4	59.4	
≥ 10000		64.3	64,4	64.6	64.9	64.9	54.9	65.1	65.1	65.1		65.1	65.1	65.1	65,1	65.3
≥ 80°00 ≥ 7000	67.0 70.7	70.8	70.9	67.3 71.0	71.4	71.4		7: 7	71.7	71.7		71.7	71.7		71.7	71.9
≥ 6000 ≥ 5000 ≥ 4500	75.0 80.3	80.7	80.9	75.6 81.2	81.7	8).7		81.9	31.9	81.9	76.2 81.9	81.9		81.9	81.9	82.1
≥ 4000		83.3 85.1	85.3	85.7	(	86.2	86.3	86.7	86.7	86.7	84.8 86.7	86.7		86.7	86.7	
≥ 3000 ≥ 2560		88.1	88.6	88.9	89,4 90.6	89.4	89.7	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	
≥ 2000 ≥ 1800		90.3	90.9	91.4	92·1 92·2	92.1	92.6		93.1	93.1		93.2	93.2		93.2	93.4
≥ 1500	89.1	90.7	91.6		92.9		93.4		94.1	94.1	94.2	94.2	94,2	94.2	94.2	94.4
2 1000	89.3	91.0	92.0	92.7	93.3		94.0		94.7	95.0		95.2	95.2	95.2	95.2	
≥ 800	89.3	91.0 91.0			93.7 93.8		94.3	95.1	95.3	95.7	95.9	95.9	95.9	95.9	95,9	
≥ 500	89.3			72.9	93.9	93.9	94.8	95.6	95.8	96.1	96.3	96.3	96.4	96.7	96.7	96.9
≥ 400	89.3	91.0	92.2	93.0	94.0	94.0	94.9	96.0	96.3	96.9	97.3	97.8	98.2	98.8	99.0	99.2
200	89.3	91.0	92.2	93.0	94.0	94.0	94.9	96.0	96.3	96.9	97.4	97.9	98.4	99.0	99.6	99.8 100.0
	89.3	91.0	92.2	93.0	94.0	94.0	94.9	96.0	96.3	96.9	97.4	97.9	98.4	99.0	99.6	100.0

TOTAL NUMBER OF COSERVATIONS 90

USAF ETAC " 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLET

GLUBAL CLIMATULURY BRANCH USAFFIAC AIR WEATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

2410: HILL AFB/OGDEN UTAH

67-70,73-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0200-1100

CEILING	<del></del>						V151	BILITY STA	TUTE MILE	5	-	- <del></del>				
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2.	≥2	≥1,	≥1.	≥1	≥ 34	≥ ',	≥ -	≥ 5 16	2.	≥0
NO CEITING	51.1 53.8				51.4 54.1			51.4 54.1			(	51.4 54.1			51.4 54.1	- ;
≥ 18000 ≥ 16000	54.7 55.1	54.9 55.3	1	55.4	55.4 55.4	55.4	55.4	55.0 55.4		55.4	55,4	55.0 55.4	55.4	55.4	55.0 55.4	
≥ 14000 ≥ 1700%	56.8 59.2	59.4					59.6		59.6	59.6	59.6	59.6		59.6	57.1 59.6	
≥ 10000 ≥ 9000	62.7 63.9	64.1	64.2	64.2		64.2	64.2	64.2	64.2	64.2	63.0	64.2	64.2	64.2	64.2	64.2
≥ 8000 ≥ 70%0 > 6000	67.2 69.6 72.7	69.9	70.0	70.0		67.6 70.0 73.2	70.0	70.0		70.0	67.6 70.0 73.2	70.0	70.0	70.0		70.0
5000	78.7	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3 81.4	79.3	79.3	79.3	79.3	
± 4000		83.7	84.0	84.0	84.1	84.1	84.2	1	84.2	84.2	84.2	84.2	. 84.2	,	84.2	84.2
≥ 2500	86.3	87.6	88.2	88.2	88.6	88.6	88.7	88.7	88.7	88,7	88.7 90.2	88.7	88.7	88.7	88.7	1
≥ 1860	87.8			91.0		91.4	91.7	91.8	92.1	92.2	92.0 92.2	92.0 92.2	92.0	92.0	92.2	92.2
≥ 1500 ≥ 200 ≥ 1000	88.2	90.1	91.4	92.2	93.0	92.8	93.4	93.7	93.9	94.1	93.6 94.2	94.2	94.2		94.2	94.2
2 1000 2 200 2 1000	88.4 88.4	90.2	91.0	92.3	93.1	93.4 93.4 93.7	94.1		94.7	95.2		95.7	95.7			95.4 95.7 96.1
≥ 700 ≥ 600	88.4	90.2	91.7	92.4	93.3	93.7	94.4	94.9	95.1	95.7		96.1	96.3	96.3	96.3	96.3
≥ 500 ≥ 400	88.4 88.4			92.9	93.8 93.8	94.1 94.1	94.9	95.4 95.4	95.9 95.9	96.9 97.1	97.3 97.6	37.4 97.7	98•4 98•4	98.2 98.6	98.2 98.7	98•2 98•7
≥ 306 ≥ 700	88.4	90.4	92.0	92.9	93.8	94.1	94.9	95.4	96.0	97.2	97.7 97.7	97.9	98.8	99.2	99.0	99.8
00 ج ا	88.4		92.0 92.0		93.8						97•7 97•7					

TOTAL NUMBER OF OBSERVATIONS 901

USAF ETAC - 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

4101 HILL ATS/UGDEN UTAH

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07-70,73-78

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEITING							VIS	BILITY STA	TUTE MILE	· S						
FEET	≥10	≥6	≥ 5	24	≥ 3	≥?.	≥ 2	≥1,	≥1.	≥1	≥ 4	≥ ′•	≥	≥516	≥ .	≥0
NO CEILING	47.8 53.3					47.8 53.3		47.8 53.3	47.8 53.3	47.8 53.3	47.8 53.3	47.8 53.3	47.8 53.3		47.8 53.3	
≥ 18000 ≥ 16000	53.7 54.0					53.7 54.0	53.7 54.0		53.7 54.0	54.0	53.7 54.0	53.7 54.0	54.0	54.0	54.0	54.0
≥ 14000 ≥ 12000	56.0 58.9	58.9	58.9	58.9	58.9	58.9		58.9	56.0 58.9	58.9		58.9	58.9	58.9		58.9
≥ 9000	62.4	63.6	63.6	63,6	63.6	63.6		63.6	62.4			63.6	63.6		63.6	
± 8000 ≥ 7000	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8		67.8	67.8	67.8	67.8	67.B	67.8	67.8
≥ 6000 ≥ 5000	70.1	77.6			77.6		77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 4500	80,6	85.1	85.1	85.1	85.1	85.2	85.2		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3500	86.6 88.0	88.8	89.0	89.0	86.9	89.1	89.1		89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 2500	90.2	91.6	92.6	92.7	92.8	93.0		93.2	93.3		93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800	90.6	92.4	93.7	93.8	93.9		94.6	94.8		94.9	94.9	94.9	94.9	94.9	94.9	94.9
2 1000	90.8	92.9	94.1	94.3	94.6		95.3	95.1 96.0		96.3	96.4	96.6	96.7	96.7	96.7	96.7
≥ 900 ≥ 800	90.9	92.9	94.3	94.6	94.9		95.8	96.6	96.7	96.9	96.7 97.1 97.6	97.2		96.9 97.4 98.0	97.4	
≥ 700 ≥ 600	90.9	92.9	94.3	94.6	95.0	95.6	96.0	96.9		97.7	97.9	98.2	. •	98.6	98.6	98.6 99.4
≥ 500 ≥ 400 ≥ 300	90.9	92.9	94.3	94.6	95.0	95.6	96.0	96.9	97.2	97.8	98.4	98.9	99.1		99.6	99.6
= 200	90.9	1 7	94.3	94.6	95.0	95.6	96.0	96.9	97.2	97.8	98.4	99.0	99.2	99.3	99.9	
2 000	90.9	1	1		95.0				97.2							100.0

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC 10.64 0-14-5 (OL A) MEVIOUS ECITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

24101

HILL AFB/UGDEN UTAH

67-70,73-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

r EILING							V15	BILITY STA	ATUTE MILE	E\$						
FEET	≥10	≥6	25	≥ 4	≥3	≥2:	≥?	≥i,	≥1.	≥1	≥ `₄	≥ ′.	≥ ,	≥ 5 16	<b>&gt;</b> .	≥0
NO (EILING ≥ 20000	48.8 54.7		48.8 54.7	48.8 54.7	48 · 8 54 · 7	48.8 54.7	48.8 54.7	48.8 54.7	48.8 54.7	48.8 54.7	48.8 54.7	48.8 54.7	48.8 54.7	48.8 54.7		
0008, ₹ (k/y9, ₹	55.7 56.2	1			55.7 56.2	56.2	56.2	56.2	56.2	56.2		56.2	56.2	56.2		
± 14(99) • 12009	58.6 61.4	61.6	61.6		61.7	61.7	61.7	61.7	61.7	61,7		61.7	61.7	61.7	61.7	61.7
≥ 9000 ≥ 9000 	66.3 68.0	68.1	68.2	68.3	68.3	68.3	66.3	68.3	68.3	68.3	66.6 68.3	68,3	68.3	68.3	68.3	68.3
2 8000 2 70%	70.0 72.0 76.2	72.3	70.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	70.6 72.7 76.9	72.7	72.7	72.7	72.7	
2 5000	80.7 83.1	81.1	81.2	81.4		81.4	81.4	81.4	81.4	81,4	81.4		81.4		81.4	
± 4600	85.8 86.9	86.3	86.4	86.7	86.7	86.7	86.7	85.7	86.7		86.7		86.7	86.7	86.7	86.7
; ≥ 3000 ; ≥ 2500	88.1	89.1	89.3	89.7	90.0	90.0	90.1	90.1	90.1	90.1	90.1 91.7	90.1	90.1	90.1	90.1	90.1
· ≥ 2000 · = 1800	89.7										92.6			92.7 92.8		
> 1500 ≥ 1260	90.3	92.3	93.0	93.4	94.2	94.2	94.4	94.6	94.6	94.6	94.1 94.6	94.6	94.7	94.7	94.7	94.7
≥ 1600 ≥ 900 ≥ 800	90.8	92.8	93.7	94.1	95.0	95.2	95.4	95.9	95.9	96.1	96.2	96.3	96.7	96.7	96.7	96.7
2 700 2 600		92.8 92.8	93.7	94.2	95.2	95.4	95.9	96.3	96.4	96.9	97.2	97.6	98.0	98.0	98.0	97.6 98.0 98.4
≥ 500 ≥ 400		92.8	93.7	94.2	95.2	95.4	95.9	96.3	96.4	96.9	97.6 97.7 97.9	98 • 1	98.7	98.9	98.9	
≥ 300 ≥ 200	90.8	92.8	93.7	94.2	95.2	95.4	95.9	96.3	96.4	96.9	97.9 97.9	98.4	99.1	99.4	99.4	99.6
3 100	90.8	92.8	93.7	94.2	95.2	95.4	95.9	96.3	96.4	96.9	97.9 97.9	98.4	99.3	99.7	99,8	100.0

TOTAL NUMBER OF OBSERVATIONS 90

### CEILING VERSUS VISIBILITY

· Carrier and the same of the

24101 HILL AFB/UCDFN UTAH 07-70,73-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u>1800≒5000</u>

/ EILING	! !	•					VI\$1	Built St.	ATUTE MI	ES.						
FEE:	≥10	≥6	≥ 5	≥ 4	≥,	≥2	27	≥i≀	≥1.	≥1	214	≥ 4	≥ .	≥5 16	≥.	≥0
NO CEIUNG 2 20000	49.6 53.9		53.9	53.9	53.9	53.9								49.6 53.9		
≥ 18000 > 16/00	54.4 55.3		55,3		55.3	55.3	55.3	55.3	55.3	55,3	54.4 55.3	55.3		55,3	55,3	55.3
≥ 14000 ≥ 12000		60.7	60.7		60.8	60.8	60.8	60.8	60.8		60.9			60.9	60.9	60.9
≥ 9000	67.9	65.3	68.1	68.1	68.2	5.86	65.6 68.2	68.2	68.2	68,3	68.3	68.3	68.3	68.3	68.3	
≥ 8000 ≥ 7000	71.0 74.1 77.8	71 • 1 74 • 2 77 • 9	71.2 74.4 78.1	74.4		74.6	74.6	74.6	74.6	71.4 74.7 78.3	74.7	71.4 74.7 78.3	74.7	74.7		
2 500k	82.7		83.2	83.2		83.4	83.4	83.6	83.6	83.7	83.7	83.7	83.7	83.7		83.7
2 4900	87.7		88.2	88.2	88.3	88.4		88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
2500 ≥ 2500	89.1	89.9 90.8	90.3	90.6		91.0	91.1	91.3	91.4	91.6	91.6	91.5	91.6	91.6	91.6	91.6
± 1800	90.0		91.9	92.1	92.7	92.8	93.1	93.4	93.6	93.7	93.7	93.7	93.7	93.4	93.7	93.7
≥ 1200 ≥ 1000	90.8	92.2	93.2		94.6	94.7	1	95.4	95.6	95.8	95.9		95.9	95.9	95.9	
	91.0	92.4	93.7		95.2	95.4	96.1	96.6	96.7	97.1	97.2	97.2	97.2		97.3	97.3
≥ 709 ≥ 600	91.2	92.7	93.9		95.7	95.9	96.6	97.2	97.4	98.1	98.7	98.8	98.8	98.8	98.9	98.9
≥ 500 ≥ 400	<del></del>	92.7	93.9	94.4	95 8	96.0	96.7	97.4	97.9	98.7	99.6	99.7	99.8	99.8 99.9	99.9	99.9
2 300 2 207	91.2	92.7	93.9	94.4	95.8	96.0	96.7	97.4	97.5	98.7	99.6	99.7	99.9	99.9	100.0	100.0
± 100 ± 0														99.9		

TOTAL NUMBER OF OBSERVATIONS 90

USAF ETAC 100 04 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDEN UTAH

07-70,73-78

2100=2300

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING .							VISI	BILITY STA	TUTE MILE	s						
FEET T	≥10	≥6	≥5	≥ 4	≥ 3	≥2.	≥ ?	≥ 1	≥1.	≥:	≥ •	≥`•	≥ -	≥5 16	٠ ٤	≥0
NO CEILING ≥ 20000	56.8 59.2	56.8 59.2	56.8 59.2	1	,	56.9 59.3	56.9 59.3		56.9 59.3			56.9 59.3		56.9 59.3		56·9 59·3
2 18000 ≤	59.8 60.3	59.8	59.8	59.8	59.9	59.9	59.9 60.4	59.9	59.9	59.9	59.9	59.9	59.9	59.9		59.9
≥ 14000 ≥ 12000	61.6 64.1	61.6	61.6		64.2		61.7	;			61.7	,		61.7		61 • <i>1</i> 64 • 3
2 10000 ≥ °000	68.1 69.4	69.6					69.9								68.6	
≥ 8000 ≥ 7000	73.9	71.6					72.0 74.4								72.0 74.4	72.0
≥ 5000 ≥ 5000	76.9 82.9						77.4 83.4								- 1	77•4 83•4
≥ 4500 ≥ 4000	84.7 85.7	86.1	86.2	86.3	86.4	86.4	85.4 86.6	86.6	86.6	86.6	86.6		86.6	86.6		
≥ 3500 ≥ 3000	87.9	88.6					87.6					87.7 89.9			87.7 89.9	
≥ 2500 ≥ 2000	89.2 90.0	91.2		92.2		92.7	92.8	92.9	92.9	92.9		92.9	92.9		92.9	
≥ 1800 ≥ 1500	90.1	91.9	92.8	93.2	93.8	93.8	93.0 94.0	94.1	94.1	94.1		93.1 94.1		94.1		94.1
≥ 1200 ≥ 1000		92.0		93.6	94.3	94.4	94.9	95.4	95.4	95.7		95.7	95.7		95.7	94.6
≥ 200 ≥ 800	90.3	92.0	93.1	93.8	94.7		95.2	95.8	95.8	96.2		96.3	96.3	95.9	96.3	96.3
± 700 ≥ 500	90.3	92.0		93.8	94.7	94.8	95.3	95.9		96.4	96.8		96.8	96.6 96.8	96.8	
≥ 500 ≥ 400	90.3	92.0	93.2	93.9	94.8	94.9	95.3 95.4	96.0	96.2	96.8	97.6	97.6	97.8	97.9	98.0	98.0
≥ 300 ≥ 200	90.3	92.0		93.9	94.8	94.9	95.4	96.3	96.6	97.3	98.1	98.2	98.8	99.0	99,3	
2 0	90.4						95.6 95.6									

TOTAL NUMBER OF OBSERVATIONS 90

USAF ETAC - 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

24101

HILL AFB/UGDEN UTAH

67-70,73-78

APR

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							viSi	BILITY STA	ATUTE MILE	s						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥2,	≥2	ر ا≤	≥1 .	≥ı	≥	≥ •	≥.	≥ 5 16 ·	≥ •	≥0
NO CEIHNG ≥ 20000	51.6 54.9	51.6 55.0	;	1		51.7 55.0	51.7 55.0	1	- 1				51.7 55.0	51.7 55.0	51.7 55.0	51.7 55.1
≥ 18000 ≥ 16000	55.6 56.0	55.7	55.7 56.1	55.7		55.7 56.1	55.7		55.7 56.2	55.7 56.2	55.7 56.2	55.7		55.7 56.2	55.7 56.2	55.8
≥ 14000 ≥ 12000	57.5 60.4	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7 60.6	57.7	57.7	57.7			57.7
≥ 10000 ≥ 9000	64.7	64.8	64.9	64.9	64.9	64.9	65.0	ì	65.0		65.0		65.0	1 1	ا حد صد	65.0
≥ 8000 ≥ 7000	69.0 71.8			69.3		69.3 72.2	69.3	69.4		69.4			69.4 72.3	69.4	69.4 72.3	69.4
≥ 6000 ≥ 5000	75.3 80.8		1		1	75.8 81.5	75.9 81.5	1	75.9 81.6		1		75.9 81.6	75.9 81.6		75.9 81.6
≥ 4500 ≥ 4000	82.9 85.1	83.4 85.7		- 1			- 1	1	83.8 86.3	83.8		83.8 86.3	- 1		83.6	
≥ 3500 ≥ 3000	86.1 87.6		87.2 89.1		87.4	87.4	87.5 89.6		87.6 89.8		87.6	87.6	87.6	87.6 89.8	1	
≥ 2500 ≥ 2000	88.6		90.5 91.5		90.9 92.2				91 • 3 92 • 6			91.3 92.7			91.3 92.7	1
≥ 1800 ≥ 1500	89.3		91.6		92·3 93·4		1			92.8 94.1		92·8 94·1		92.9	92.9 94.1	92.9
≥ 1200 ≥ 1000	89.7 89.9	91.6 91.8			93 • 8 94 • 2					94.6 95.6		94.7 95.8			94.7 95.8	
± 900 ≥ 800	89.9				94 • 2		.,			95.7 96.3		95.5		96.0 96.6	96.0 96.6	
≥ 7∪0 ≥ 600	89.9	91.8 91.9			94•5 94•6	94.7 94.8	-		96.0 96.2	96.5 96.7				97.0 97.5		
≥ 500 ≥ 400	89.9	91.9	93.2	93.7	94.7	94.9	95.6		96.6	97.3	98.0	98.3	98.6		99.0	39.0
≥ 300 ≥ 200	89.9	91.9	93.2	93.7	94.7	94.9	95.6	96.4	96.7 96.7	97.4	98.2	98.5	99.0	99.2	99.7	99.8
≥ 100 ≥ 0	89.9			93.7 93.7					96•7 96•7				99.1 99.1	99.4		100.0

TOTAL NUMBER OF OBSERVATIONS

7200

USAF ETAC 101 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLUTE

### CEILING VERSUS VISIBILITY

24101 HILL AF8/DGUEN UTAH

67-70,73-78

MAV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

: EILING						· · · · · · · · · · · · · · · · · · ·	VISI	BILITY STA	ATUTE MILI	ES.						
FEET	≥10	≥6	≥:	≥ 4	≥3	≥2.	≥ 2	≥1.	≥1'•	≥1	≥ ,⁴	≥ ′.	≥.	≥ 5 16	≥ •	≥0
NO CEILING ≥ 20000	67.8	67.8 69.5			67.8	67.8 69.5	67.8 69.5					67.8 69.5	67.8 69.5	67.8 69.5	67.8 69.5	
≥ 1800¢ ≥ 16000	70.3 70.5	70.3		70.5	70.3 70.5	70.3 70.5	70.3 70.5	70.5		70.5		70.3 70.5		70.3 70.5	70.3 70.5	70.5
≥ 14000 ≥ 12000	71.3	71.3	74.2		71.3	71.3	71.3	74.2	74.2	74.2	74.2	71.3	71.3	71.3	71.3	74.2
≥ 9000	80.0 81.8	80.0	81.8	81.8		80.0	81.3	81.8		81.8		80.0	81.8	81.8	81.6	81.8
≥ 8000 ≥ 7600 ≥ 6000	85.3 47.1 89.8	85.4 87.2 89.9	87.2	37.2	85.4 87.2	85.4 87.2	85.4 87.2 89.9			87.2	87.2	85.4 87.2 89.9	85.4 87.2 89.9	87.2	87.2	87.2
5000	93.0 94.7	93.2		93.3	93.3	93.3	93.4	93.4	93.4	53.4	93.4	,	93.4	93.4	93.4	93.4
2 4000 _ 3'00	96.1	96.0	96.2	96.2	96.3	96.3 97.1	96.5	96.5	96.5	96.5	96.5		96.5	96.5	96.5	96.6
≥ 3000	96.8	97.5	97.7	97.7		97.8	98.0		98.0	98.0	98.0	98.0	78.0	98.0	98.0	96.1
≥ 2000	96.9		98.1 98.1	98.1 98.1	98.3	98.3 98.3	98.4				98.4	98.4	98.4	98.4		
≥ 1500	97.1 97.1	98.3	98.7		99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
÷ 1630 ÷ 900 ≥ 800	97.1	98.4	98.9	99.0	99.4	99.4	99.5	99,5	99.5	99.5	99.5	99.5	99.5		99.5	99.6
≥ /00 ≥ ^00	97.1 97.1	98.4	98.9	99.0	99.5			97.6	99.6		99.6	99.6	99.6	99.6	99.6	95.7
± 500 ≥ 460	97.1 97.1	98.4	98.9	99.0		99.5	99.6	99.6	99.6	99.0	99.6	99.6	99.6	99.6	99.6	99.7
≥ 300 ≥ 200	97.1 97.1	98.4	99.0	99.1	99.6	99.6	99.7	99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8	99.8	99.8	99.8	<del></del>
2 100 2 0	97.1 97.1	, ,	,	99.1 99.1		- 1		99.7 99.7		99.7 99.7	1			<b> </b>		100 • 0 100 • 0

TOTAL NUMBER OF OBSERVATIONS

930

LISAF ETAC 12164 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

24101

HILL AFB/UGDEN UTAH

07-70,73-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING				<del></del>			ViSi	BILITY STA	TUTE MILE	\$						
FEET	≥10	≥6	≥5	≥ 4	≥ 3	≥2 :	≥ ?	≥ì,	≥1.	≥1	≥ '4	≥'•	≥ 2	≥ 5 16	≥'•	≥0
NO CEILING 2 20000	67.6	67.6						67.6							57.6 70.0	
≥ 18000 ≥ 16000	70.5 70.8	70.5 70.8	(	(		1		70.5 70.8		70.8	70.8			70.5 70.8		70.8
≥ 14000 ≥ 12000	71.9 74.3	71.9 74.3	74.3	74.3	74.3	74.3	74.3	71.9	74.3	74.3	74.3	74.3	74.3		74,3	
≥ 10000 ≥ 9000	79.4 81.5	79.4 81.5	81.5	81.5	81.5	81.5	81.5	79.4 81.5	81.5	81.5	81.5		81.5	81.5	81.5	81.5
≥ 8000 ≥ 7000	84.6		86.8		86.8	86.8	86.8	84.6 86.8	86.8	86.8	86.8	86.8	86.8	86.8		86.8
≥ 6000 ≥ 5000		92.2	92.2	92.3	92.3	92.3	92.3	92.3		92.3	92.3		92.3	92.3	92.3	92.3
≥ 4500 ≥ 4000	93.2	94.9	94.9	95.1	95.2	95.2	95.2		95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3500 ≥ 3000 ≥ 2500		96.7	96.8	97.1	97.3	97.3	97.3	95.5 97.3 97.5	97.3	97.3	97.3	97.3	97.3	97.3	97.3 97.5	97.3
≥ 2000	96.2		97.4	97.7		98.0	98.2	98.2 98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
≥ 1500	90.5	97.7	98.1	98.4	98.6	98.6	93.8	98 · 8	98.8	98.8	98.8	98.8	98.8	98.8		98.8
≥ 1000	96.5	97.8	98.3	98.6	98.8	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1		99.1
≥ 800	96.5	97.8	98.3	98.6	98.8	98.8	99.0	99.0	99.1	99.2	99.2	99.2	99.4	99.4		99.4
≥ 600	96.5	97.8		98.7		99.0	79.2	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.6	
≥ 400			98.4	98.8	99.1	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	96.5	98.0	98.4	98.8	99.1	99.1	99.4	99.4	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0
≥ 0	96.5	98.0	98.4	98.8	99.1	99.1	99.4	99.4	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

030

USAF ETAC REGAL 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSCIETE

#### CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDEN UTAH

67-70,73-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING							VISI	BILITY STA	IUTE MILE	S						
FEET	≥10	≥6	≥5	≥ 4	≥ 3	≥2 %	≥ 2	≥i	≥1.	≥1	≥ '₄	≥ ′∗	≥	≥ 5 16	≥ '•	≥0
NG CEILING ≥ 20000	66.2	62.8	62.8 66.2	62.8	62.8 66.2	62.8 66.2	62.8 66.2		62.8 66.2	62.8 66.2	62.8 66.2	62.8 66.2	62.8 66.2	62.8 66.2	62.8 66.2	62.8
≥ 18000 ≥ 16000	66.7	66.7	67.0	66.7 67.0		66.7	66.7	67.0	66.7			66.7 67.0	66.7 67.0	67.0		67.0
≥ 14000 ≥ 12000	69.4 73.2	73.2	69.4 73.2	69.4 73.2	73.2	69.4 73.2	73.2	69.4 73.2	73.2	69.4 73.2	73.2	69.4 73.2	69.4 73.2	73.2	73.2	73.2
≥ ¹0000 ≥ 9000	76.9 78.3	76.9 78.3	76.9 78.3	76.9 78.3		76.9 78.3	76.9 78.3		76.9 78.3	78.3	78.3	76.9 78.3	76.9 78.3	76.9 78.3	76.9 78.3	78.3
≥ 8000 ≥ 7000	82.7 85.3	82.7 85.3	82.7 85.3			82.7 85.3	85.3	85.3	82.7 85.3	85.3	85.3	82.7 85.3	82.7 85.3		82.7 85.3	85.3
≥ 6000 ≥ 5000	87.5 90.5	87.5 90.8	87.5 90.8	87.5 90.8	90.8	87.5 90.8		90.9			90.9	87.5 90.9	87.5 90.9	90.9	87.5 90.9	90.9
2 4500 2 4000	92.4 94.6	92.7	92.8 95.1		95.1	92.8 95.1	92.9 95.2	95.2	95.2	95.2	95.2	92.9 95.2	92.9	95.2	92.9	95.2
≥ 3500 ≥ 3000	95.2 95.8	95.7 96.6	95.8		95 · 8 96 · 9		95.9	97.0	97.0		97.0		95.9 97.0	97.0	95.9 97.0	97.0
≥ 2500 ≥ 2000	95.8	96.7 96.9	97.1		97.4	97.1 97.4	97.2 97.6	97.6		97.6	97.6		97.2 97.7	97.7		97.7
≥ 1800 ≥ 1500	96.2 96.3	97.1 97.2	97.3	97.5	97.7	97.6 97.7	97.8	98.0	97.8 98.0	98.0	98.0		98.0 98.1	98.0 98.1	98.0 98.1	98 • 1
2 1200 2 1000	96.5 96.5	97.3 97.4		98.1	98.4	98.0 98.4		98.9		99.0	99.0	98.4 99.1	98.4 99.1	99.1	98.4 99.1	99.1
≥ 900 ≥ 800	96.5 96.5	97.4	98.0 98.0		98.4 98.4	98.4 98.4	99.7 98.7			99.0	99.1	99.2	99.2	99.2 99.2	99.2	99.2
≥ 700 ≥ 600	96.5 96.5	97.4	98.0 98.0	98.1 98.1	98.4	98.4 98.4	98.7 98.7	98.9	99.0	99.0	99.4	99.2	99.2		99.2	99.5
≥ 500 ≥ 400	96.5	97.4	98.0 98.0	98.1	98.4 98.4	98.4 98.4		98.9 98.9		99.0	99.5	99.6	99.6	99.6	99.7	99.8
≥ 300	96.5	97.4	98.0	98.1	98.4	98.4	98.7	98.9	99.1	99.1	99.6	99.7	99.7	99.7	99.9	100.0
≥ 100 ≥ 0	96.5					98.4 98.4		98•9 98•9	99•1 99•1	99.1 99.1	11	99.7 99.7	99•7 99•7			100•0 100•0

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC 10164 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDEN UTAH

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING					-		VIŞI	BILITY ISTA	TUTE MILE	5		T-00-07-07-0			<u> </u>	
FEET '	≥10	≥6	≥ 5	≥4	≥ 3	≥2 -	≥2	≥່າ,	≥1.	≥1	≥ 14	≥'•	≥ ~	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	65.5 69.1	69.1	65.5 69.1		- , - (	65.5 69.1	65.5 69.1	69.1	65.5	65.5 69.1	65.5 69.1	65.5 69.1	65.5 69.1	65.5 69.1	1	65.5 69.1
≥ 18000 ≥ 16000	69.4 59.4	69.4	69.4 69.4			69.4	69.4 69.4	69.4	69.4 69.4	69.4	69.4	69.4 69.4	69.4	69.4 69.4		69.4
≥ 14000 ≥ 12000	70.5 73.5	73.5	70.5 73.5		70.5 73.5	70.5 73.5	70.5 73.5		70.5 73.5	70.5 73.5	70.5 73.5		70.5 73.5	70.5 73.5	73.5	73.5
≥ 9000	77.7		77.7 79.0	79.0		77.7	77.7	79.0			77.7 79.0	79.0				79.0
≥ 8000 ≥ 7000 ≥ 6000	82.2 84.1 86.0	84.1	82.2 84.1 86.0	82.2 84.1 86.0	82.2 84.1 86.0	82.2 84.1 86.0	82.2 84.1 86.0	82.2 84.1 86.0	82.2 84.1 86.0	82.2 84.1 86.0	82.2 84.1 86.0	84.1	82.2 84.1 86.0	82.2 84.1 86.0	82,2 84,1 86,0	84.1
≥ 5000 ≥ 4500	89.7 91.4	89.9	90.1	90.1	90.1	90.1 91.8	90.1 91.8	90.1	90.1 91.8	90.1	90.1 91.8	90.1		90.1	90.1	90.1
≥ 4000	92.6	92.8	93.1	93.1		93.1	93.1	93.1	93.1	93.1	93.1 94.2	93.1	93.1	93.1	93.1	93.1
≥ 3000 ≥ 2500	94.3		95.3	95.6				95.6		1		95.6 96.1	95.6	95.6		95.6
≥ 2000	95.1	95.7 95.8				97.0 97.1	97.0 97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.0 97.1	97.1	
≥ 1500 ≥ 1200 ≥ 1000	95.9	96.2 96.8	97.3		98.1	98.1		98.3	98.3	98.3	97.7 98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000 ≥ 900 ≥ 800	95.9	96.8	97.3	98.4	98.7	98.8	99.1	99.1	99.1		99.4		99.4	99.4	99.4	
≥ 700 ≥ 600	95.9		97.3	98.4		98.9		99.2		99.4	99.4 99.5 99.6	99.5		99.5	99.4 99.5 99.7	99.5
≤ 500 ≥ 400	95.9 95.9	96.9	37.3	98.4	98.9	99.0	99.4	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300 ≥ 200	95.9 95.9	96.8	97.3	98.4		99.0	99.4	99.4	99.4	99.5	99.6			99.7	99.8 100.0	99.8
≥ 100 ≥ 0	95.9 95.9	96.8 96.8			98.9 98.9	99.0 99.0		99.4 99.4			99.6 99.6	99.6 99.6			100.0 100.0	

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 10164 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

24101

HILL AFB/OGUEN UTAH

67-70,73-7E

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200=1400

CFILING							VP	ABILITY ST	ATUTE MIN	ES						
FEET:	≥10	≥6	≥5	≥ 4	≥3	≥2 γ	≥ 2	≥1,		≥1	≥ .₄	≥ >⁄₂	≥	≥ 5 16	≥	≥0
Z 20000 ≥ 20000	66.6									66.6	66.6					
≥ 18000 ≥ 16000	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8		73.8					
≥ 14000 ≥ 12000	75.5 77.7		75.5	75.5	75.5	75.5			75.5	75.5	75.5	74.2 75.5			74,2	
≥ 10000 ≥ 9000	79.9	79.9	79.9	79.9	79.9	79.9		77.7			77.7	77.7 79.9	77.7		77.7	77
≥ 8000 ≥ 7000	82.6	82.6	82.6	82.6	82.6			80.4 82.6			80.4	80.4	80.4	80.4		80
≥ 6000	86.3	86.3	84.2			84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84
≥ 5000 ≥ 4500	91.1	91.1	91.1		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	86.3 91.1	91.1	91.1	91
2 4000 2 3500	93.8	94.7	94.7		C-4 • 0	94.0	94.0	94.0	94.0	94.0	92.6 94.0	94.0	94.0		94.0	94
≥ 3000 ≥ 2500	95.8	96.1 96.8	96.8	96.1 96.8	90.1	96.1	96.1	96.1		96.2	94.7	94.7	94.7	96.2	94.7 96.2	
≥ 2000 ≥ 1800	96.9	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.7	96.9 97.8	96.9 97.8	96.9 97.8	96.9 97.8		96.9	96
≥ 1500	97.2	97.4 98.0	97.6 98.3	97.6 98.4	98.4	97.6 98.5		97.6 98.6	97.7 98.7			97.8 98.8	97.8	97.8	97.8	97
≥ 1000	97.2 97.3	98.0	98.3 98.5		98.4 99.0	98.5 99.1		98.6	98.7 99.6	98.8	98.8	98.8	98.8	98.8		98
≥ 90C ≥ 80X)	97.3	98.2 98.2	98.5 98.5	98.6 98.6	99.0	99.1	99.4	99.5 99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99
≥ 700 ≥ 600	97.3 97.3	98.2 98.2	98.5 98.5	98.6 98.6	99.0	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99 99
≥ 500 ≥ 400	97.3	98.2	98.5 98.5	98.6 98.6	99.0			99.6	99.7	99.8	99.8	99.8	99.8	00.01	00.01	00
± 300 ≥ 200	97.3	98.2	98.5	98.5	99.0	99.1	99.4	99.6	99.7	79.8	99.8	99 • 8 1	00.01	00.01	00.01	an
e 190 e 0	97.3	98.2	98.5	98.6	99.0	99.1	99.4	99.6	77.1	99.8	99.8	99.81	00.01	00.01	00.01	00
	/1.2	7004	78.7	70.0	99.0	99.1	99.4	99.6	99.7	99.8	99.8	99.81	00.01	00.01	00.01	00

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC LITER 0+14-5 (CL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

24101

HILL AFB/OGDEN UTAH

7-70,73-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VIS	IBILITY ST.	IIM BIUTA	ES						
FEET i	≥10	≥6	≥ 5	5.1	≥3	≥2.	≥ 2	≥i.	21.	ا≰	≥ 34	≥ .	≥	≥5 16	≥ 4	≥0
NO CEILING ≥ 20000	63.8 70.5	63.8 79.5			63. პ 70.5				63.8	63.8 70.5	63.8	63.8	63.8	63.8	63.8	63.8
≥ 18000 ≥ 16000	71.5 72.2				71.5	71.5	71.5	71.5	71.5	71.5 72.2	71.5	71.5	71.5	71.5	71.5	71.5
≥ 14000 ≥ 12000	73.8 76.5			1		73.8 76.5	73.8	73.8		73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 10000 ≥ 9000	79.9 81.3				80.0			80.0		80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 8000 ≥ 7000	84.4				1 -		84.6	84.6	84.6 86.5			84.6	84.6	84.6	84.6	84.6
≥ 5000 > 5000	90.1 92.9	90.2 93.0	90.3 93.1		90.3		90.3	90.3	90.3	90.3	90.3	90.3		90.3	90.3	
≥ 4500 ≤ 4000	94.6 96.1	96.2	94.8			1	94.8 96.3	94.8				94.8		94.8	94.8	94.8
≥ 3500 ≥ 3000	96.6 97.3		96.8 97.7	-		96.8 97.8	96.8	96.8	96 • 8 97 • 8	96.8 97.8	96.8 97.8	96.8	96.8 97.8	96.8 97.8	96.8	96.8
≥ 2500 ≥ 2000	97.4 97.8	98.4					98.3	98.4	98.4		98.4	98.4	98.4	98.4		98.4
≥ 1900 ≥ 1500	97.8	98.7		99.1	99.4		98.8	98.9	98.9	98.9 99.5	98.9	98.9	98.9	98.9	98.9 99.5	98.9 99.5
_ 1200 ≥ 1000	98.1 98.1		99.0	99.1	99.5		99.5 99.5	99.6 99.6	99.6	99.6 99.6	99.6	99.6	99.6	99.6	99.6	99•6 99•6
≥ 900 ≥ 800	98.1 98.1		99.0	99.1	99.5	99.5	99.5	99.6 99.7	99•6 99•7	99.6 99.7	99.6	99.6	99.6 99.7	99.6 99.7	99.6	99.6
≥ 700 ≥ 600	98.1 98.1	98.7		99.1	99.5		99.6	99•7 99•7	99•7 99•7	99.7 99.7	99.7 99.7	99.7 99.7	99.7	99.7 99.7	99.7	99.7
≥ 500 ≥ 400	98.1 98.1	98.7 98.7		99.1	99.5	99.5 99.5	99.6 99.6	99.7 99.7	99•7 99•7	99•8 99•8	99.8 99.8	99.8 99.8	99.9	99.9	99.9	99.9 99.9
≥ 300 ≥ 200	98.1 98.1	98.7	99.0	99.1	99.5	99.5	99.6 99.6	99•7 99•7	99•7 99•7	99.8 99.8	99.8	99.8	99.9 99.9	99.9	100.0	100•0 100•0
≥ 100 ≥ 0	98.1 98.1	98.7 98.7			99·5	99.5	99.6	99•7 99•7	99•7 99•7	99.8 99.8	99.8	99•8 99•8	99.9 99.9			100 • 0 100 • 0

TOTAL NUMBER OF OBSERVATIONS

929

USAF ETAC 1964 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

24101 HILL AFB/UGUEN UTAH

07-70,73-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							√IS	IBILITY STA	IN STUTE	ES		*				
FEET	≥10	≥6	≥\$	≥4	≥ 3	≥2.	≥.	≥1.	≥1.	≥1	≥ '4	≥ ′•	≥ ·	≥5 16	≥.	≥0
NO CEITING ≥ 20000	67.0	67.0		67.0	07.0	0/.0	67.0	6/.0	62.2	62.2 67.0	62.2 57.0	62.2	62.2	62.2	62.2	62.2
2 18000	67.8 68.3	67.8 68.3	68.3	68.3	68.3	07.8	67.0	67.8	0/.8	67.8	68.0 68.4	68.0	68.0	68.0	68.0	68.0
≥ 14000 ≥ 12000	70.8 75.1	70.8 75.2	70.8	75.2	75.2	70.8	70.8 75.2	70.8 75.2	70.8 75.2	70.8 75.2	71.0 75.4	71.0	71.0	71.0	71.0	71.0
≥ '0000 ≥ \$000	81.5 82.8	81.6	82.9	82.9	82.9	81.5	82.9	31.7 53.0	81.7 83.0	81.7		81.9	81.9	81.9	81.9	81.9
≥ 8000 ≥ 7000	85.8 87.6	85.9 87.7		87.7	87.7	85.9	85.9	36.0 88.0	86.0	86.0 88.0	85.2	86 • 2 88 • 2	86.2	88.2	86.2	86.2
≥ 6000 ≥ 5000				95.3	95.3	91.0 95.4	91.1 95.5	91.2 95.6	91.2 95.6	91.2 95.6	91.4 95.8	91.4	91.4	91.4	91.4	91.4
≥ 4500 ≥ 4000	95.9	95.1		97.3	95.8 97.3	95.9	96.0 97.5	96.1 97.6	96 • 1 97 • 6	96.1 97.6	96.3 97.8	96.3	96.3 97.8	96.3	96.3	96.3
2 3500 2 3000	96.2	96.3	97.2 97.4	97.7	97.5 97.7	97.6 97.8	98.0	97.8 98.1	97.8 98.1	97.8 98.1	98.1 98.3	98.1 98.3	98 • 1 98 • 3	98.1	98.1	
≥ 2500 ≥ 2000		96.6	97.5	98.0	97.7 98.0	98.1	98.3	98.4	98.4	98.4	98.4 98.6	98.6	98.6	98.4 98.6	98.4 98.6	98 • 4 98 • 6
≥ 1800 ≥ 1500	96.3	96.7	97.7	98.2	98 • 2	98.3	98.6	98.7	96.7	98.7	98.7 98.9	98.9	98 • 7 98 • 9	98.7	98.7	98.7
≥ 1200 ≥ 1000	96.3	96.9	98.0	98.4	98.7	98.8	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99 • 1
2 905 2 800 2 700	96.3 96.3	70 0 7	98.0	98.4	98.9	99.0	99.4	99.8	99.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	70.5	96.9	98.d	98.4	98.9	99.0	99.4	99.8	99.8	99.8	100.01	00.01	00.0	00.01	100.0	100.0
≥ 500 ≥ €00 ≥ 300		96.9	70 e U	98.4	98.9	99.0	99.4	99.8	99.8	99.8	100.01	00.01	00.0	00.01	100.0	00.0
≥ 200	96.3	96.9	98.0	98.4	98.9	99.0	59.4	99.8	99.8	99.8	100.01	00.01	00.01	00.01	00.0	00.0
<u> </u>	96.3	96.9	98.0	98.4	98.9	99.0	94.4	99.8	99.8	99.8	00.01	00.01	00.01	00.01	00.01	00.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC 1.24 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

24101 HILL AFB/UGUEN UTAH

67-70,73-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CERING							vis	BILITY STA	at ite mili	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥? -	42	≥.	٠١٠.	≥1	≥ ,⁴	≥ ′•	≥ ·	≥5 16	٤.	≥0
, NO CEILING ≥ 29000	66.9 68.9		66•9 68•9					66.9 68.9						66.9 68.9		
≥ 18000 ≥ 15000								69.6 70.0								
≥ 14000 ≥ 7000			74.9	74.9	74.9	74.9	74.9	71.9 74.9	74.9	74.9	74.9	74.9	74.9			71.9
≥ 10000 ≥ 9000	/	80.5 81.8						30.5 81.8						80.5 81.8		
≥ 8000 ≥ 7000	86.9	87.0	87.0	87.0	87.0	87.0	87.0	85.2 87.0	87.0	87.0	87.0	87.0	87.0		87.0	87.0
≥ 6000 ± 5000	89.9 92.6							90•2 93•3								
≥ 4500 ≥ 4600	95.3	96.1	96.7	96,7	96.8	96.8	96.8	95.3 96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3500 ≥ 3000	95.7 95.9	96.7 97.1	97•3 97•7	97.3 97.7	97.5 98.0	97.5 98.0	97.5 98.0	97.5 98.0	97.5 98.0	97.5 98.0	97•5 98•0	97.5 98.0	97.5 98.0	97.5 98.0	97.5 98.0	97•5 98•0
≥ 2500 ≥ 2000	96.0		98.3	98.3	98.6	98.6	98.6	98 • 1 98 • 6	98.6	98.6	98.6	98.6	98.6			98•1 98•6
; ≥ 1800 ≥ 1500	96.2 96.2		98•3 98•4	98.3 98.4	98.6 99.0	98.6	98.6	98.6 99.0	98.6	98.6 99.0	98.6 99.0	98.6	98.6 99.0	98•6 99•0		98•6 99•0
≥ 1200 ≥ 1000		97.8	98.5	98.5	99.4	39.4	99.4	99.0 99.4	99.4	99.5	99.5	99.5	99.5	99.0 99.5	99.5	
≥ 900 ≥ 800	96.2	97.8	98.5	98.5	99.4	99.4	99.4	99.4 99.4	99.4	99.5	99.5	99.5	99.5	99.5 99.5	99.5	99.5
≥ 700 ≥ 600	96.2 96.2	97.8	98.5	98.5	99.4	99.4	99.4	99.4	99 . 4	99.5	99.5	99.5	99.5	99.5	99,5	
≥ 500 ≥ 400	96.2	97.8	98.6	98.7	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3C0 ≥ 700	96.3 96.3	98.0	98.7	98.8	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	96.3	98.0	98.7	98.8	99.7	99.7	99.7	99.9	99.9	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRIPTE

### CEILING VERSUS VISIBILITY

24101 HILL AFB/DGDEN UTAH

57-70,73-78

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CFILING				~			VIS	BILITY STA	ATUTE MILE	\$	_,					
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2.	≥ ?	≥1'/	≥1.	≥1	≥ 14	≥ √e	≥ ,	≥ 5 16	≥.	≥0
NO CENING	65.4			65.4							65.4			65.4 69.3		65 • 4 69 • 3
≥ 18000	69.9	69.9	69.9	69.9	69.9		69.9	69.9		69.9	70.0	70.0		70.0	70.0	70.0
≥ 14000 ≥ 12000	71.9	71.9	71.9	71.9	71.9		71.9	71.9		71.9	71.9		71.9	71.9	71.9	71.9
≥ ¹0000 ≥ 9000	79.5	79.5	79.5	79.5	79.5		79.5	79.5	79.5		79.5	79.5 80.9	79.5	79.5	79.5	79.5
≥ 8000 ≥ 7000	84.1 86.0	84.1	84.1 36.1	34.1	84.1	84.1	84.1 86.1	84.2	84.2		84.2	84.2	84.2	84.2	84.2	84.2
≥ 6000 ≥ 5000	88.6 92.0	38.7	88.8		88.8	88.8	88.8	38.8	88.8	88.8		88.9	88.9	38.9		88.9
≥ 4500 ≥ 4000	93.5 94.8	93.8	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1			
≥ 3500 ≥ 3000	95.3 96.0	95.7	96.0		96.1	96.2	96.2				96.2 97.3	96.2	96.2			
≥ 2500 ≥ 2000	96.2 96.4	96.8		97.3 97.8						97.5 98.1		97.6			97.6 98.2	
≥ 1800 ≤ 1500	96.5 96.7				98 • 0 98 • 5	98.0		98.1		98 • 2 98 • 7	98.2 98.7	98 • 7 98 • 7				
2 120x 2 100x0	96.7 96.7	97.7 97.8			~.					98.9 99.4		98.9 99.4	_		98.9 99.4	
≥ 900 ≥ 860	96.7 96.7	97.8 97.8							99.4	99.5	99.5	99.4	79.6	99.6	99.6	99.6
≥ 700 ≤ 600	96.7 96.7			98.6	99.1	99.1	99.3	99.4	99.5		99.6	99.6	99.7	99.7	99.7	99.7
± 500 ≥ 400	96.7 96.7	97.8	98.3	98.7	99.1	99.1 99.2	99.4	99.5		99.6	99.7	99.8	99.8	99.9	99.9	99.9
≥ 200	96.7 96.7	97.8	98.4	98.7	99.1		99.4	99.5	99.6		99.8	99.8	99.9	99.9	100.0	100.0
2 100	96.7 96.7	97.8 97.8		98.7 98.7	99•1 99•1						99.8 99.8		99.9 99.9			100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 1,24 0-14-5 (OL A) merious solitions of this form are desorted

743

### CEILING VERSUS VISIBILITY

€.

24101 HILL AFB/OGDEN UTAH

67-70,73-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CERING							VIS	181117 574	ATUTE MILE	5						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥2	≥ ?	≥اً ≤	≥1.	≥۱	≥ `₄	≥ .	٤.	≥5 16	≥ .	≥0
NO CEILING 2 200W	76.0 78.0		;	76.0 78.0							76.0 78.0			76.0 78.0		
≥ 18000 ≥ 16000	78.0 78.2		78.0 78.2						- 1		78.0 78.2					
≥ 14000 ≥ 12000	80.1 83.4		80.1 83.4	83.4	83.4	83.4	33.4			83.4	83.4	83.4	80.1 83.4	83.4	83.4	- 1
≥ 9000	88.0 88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.0 88.6	88.6	88.6	88.0	88.6		88.6	88.6	88.0 88.6
≥ 8000 ≥ 7000		92.6	92.6	92.6	92.6		92.6	92.6	92.6	92.6	90.2 92.6	92.6	52.6	92.6	92.6	
≥ 6000	97.6	94.2	97.6	97.6	94 • 2 97 • 6	97.6	97.6	97.6	97.6	97.6		97.6	97.6	97.6	97.6	
≥ 4500 ≥ 4000 ≥ 3500	98.2		98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.1 98.4		98.4		98.4	98 • 1 98 • 4
≥ 3000		98 • 8 99 • 6	99.6	99.6	98.9 99.7 99.7	99.7	99.7	98.9 99.7 99.7	99.7	99.7	98.9 99.7 99.7	99.7	99.7	99.7	99.7	98•9 99•7
≥ 2000	99.1	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500		99.8	99.8	99.8	99.9	99.9	99,9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99,2	99.9
1 ≥ 1000	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0
≥ 600	99.3	99.9	99.9	99.9	100.0	100.0 100.0	100.0	100.0 100.0	100.0	100.0 100.0	100.0	100.0 100.0	100.0	100.0 100.0	100.0	100.0
≥ 400	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<u> </u>	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	<u> 100.0</u>	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 20164 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDEN UTAH

67-70,73-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

! (EILING	<del></del>						vi\$	181617 STA	LTUTE MILE	F\$						
fEET	≥10	≥6	≥5 ;	2.4	23	≥2 ;	≥ 2	≥1:	≥1.	≥,	≥ .	≥ .	≥ .	≥5 '6	≥ .	≥0
NO CEIUNG ≥ 20000	75.6 76.8		75.6 76.8					75.6 76.8								
≥ 18000 ≥ 16000	77.2 77.2		77.2 77.2					77.2 77.2				77.2	,	77.2 77.2	77.2 77.2	
≥ 14000 ≥ 12000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	79.6 82.3	82.3	82.3	82.3	82.3	82.3	79.6 82.3	82.3	82.3
5 6000 5 ,cou	87.6 88.3	88.3	88.3	88.3	88.3	88.3	88.3	87.6 88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 8,000 ≥ 7000	89.3 91.6	89.3 91.6	91.6	91.6	91.6	91.6	91.6	89.3 91.6	91.6	91.6	91.6	91.6	91.6	89.3 91.6	91.6	91.6
≥ 5000 ≥ 5000	93.6	97.3	97.3	97.3	97.3	97.3	97.3	93.7 97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 4500 ≥ 4000 ≥ 3500	97.4 98.2	98.7	98.0 98.8 98.8	98.8	98.9	98.9	98.9	98.9 98.9	98.9	98.9	98.9	98.9	98.9		98.9	98.9
2 3000	98.7	99.1	99.3	99.4	99.7	99.7	99.7	99.7 99.7	99.7	99.7		99.7	99.7	99.7	99.7	99.7
≥ 2000	98.6		99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 12K	98.8	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000 ± 0.00	98.8	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800 ≥ 760	98.8 98.8	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	160.0
. ≥ 600	98.8 98.8	99.3	99.7	99.8	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.8 98.8	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 200	98.8	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<u> </u>	98.8	99.3	99.7	77.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS,

USAF ETAC 1749 0-14-5 (OL A) MENIOUS EDITIONS OF THIS FORM ARE OBSCIETE

GLOBAL CLIMATCLOGY BF+ 1CH USAFETAC AIR WEATHER SERVICE MAG

### CEILING VERSUS VISIBILITY

24101 HILL /FE/EGDER UT H

PERCENTAGE FREQUENCY OF OCCURRENCE FRUM HOURLY OBSERVATIONS)

1					VISIBILITY STA	ATUTE MILE	5			<del></del>			
1 +567	≥10 _6	>5 :1	2.3	21:	_ (≤	≥1.	≥1	≥ '•	≥ `•	≥ .	≥5 16	٤.	≥0
2 10 X C	72.2 77.3	72.2 72 76.0 76	2 72.2	72.2 7	2.2 72.2 2.0 76.0	6.0	72.2	72.2	72.2	72.2 76.0	72.2	72.2	72.2
×	76.3 16.3	76.3 76	.3 Tn.3	76.3 7	6.3 76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
3726	. 78.4 78.4	78.9 78	.9 78.9	78.7	3.9 78.9 1.2 Bl.2	78.9	78.9	78.9	78.9	78.9	78.9	78.9	
2000   2000	34.3 84.3 84.4 84.9	81.9 84		34.9 8		84.9	84.9	84.9	84.9	84.9		84.9	84.9
≥ 7 %	90.3 90.3	90.3 90	3 95.3	90.3 9	8.0 88.0 0.3 90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 6000 ≥ 5000 > 4500		96.3 96	3 30.3	96.3 9	6.3 96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 4500 ≥ 4000 ≥ 350v	97.0 97.0 97.6 97.9 97.8 98.1	98.0 98	0 98.0	98.0 9	7.1 97.1 1.0 98.0 8.2 98.2	98.0	98.0	98.0	98.0	98.0	98.0	97.1 98.0	98.0
≥ 3000	98.2 98.7	98.8 98	99.1	99.1 9	9.1 99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000 ≥ 1800	98.4 99.0	99.1 99	6 99 8	99.8 9	9.8 99.8 9.8 99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	98.4 99.0	99.1 99	6 99.8	99,910	0.0100.0	100.0	100.0	100.0	100.0	100.0	200.0	100.0	100.0
≥ 1000 - 900	98.4 99.0	99.1 99		99.910	0.0100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.4 99.0 98.4 99.0	99.1 99	6 99.8	99.910	0.0100.0	100.0	100.0	100.0	00.0	100.0	100.0	100.0	100.0
≥ 600	98.4 99.0	99.1 99	6 99.8	99.910	0.0100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.4 99.0 98.4 99.0	99.1 99	6 99.8	99.910	0.0100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.4 99.0 98.4 99.0	99.1 99	.6 99.8	99.910	0.0100.0 0.0100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 0	99.4 99.0	99.1 99	6 99.8	99.910	0.0100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

UDAF ETAC 1004 C-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

24101

HILL AFB/OGDEN UTAH

67-70,73-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0200-1100

CEIUNG							VISI	BILITY STA	TUTE MILE	E\$						
FEED	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ ?	≥1,	≥1'4	≥۱	≥ ¼	>,•	≥ ,	≥5 16	≥'4	≥0
NO CEILING ≥ 20000	72.3 76.2	72.3	72.3 76.2	72.3 76.2	72.3 76.2	72.3 76.2	72.3 76.2	72.3 76.2	72.3 76.2		72.3 76.2	76.2	76.2			
≥ 18000 ≥ 16000	76.8 77.0	76.8 77.0	76.8 77.0	77.0		76.8 77.0	76.8 77.0		76.8 77.0	77.0	77.0	77.0	77.0		77.0	,
> 15000 > 14000	78.4 79.6	79.6	79.6	78.4	79.6	78.4	78.4 79.6	79.6	78.4	79.6	79.6	79.6	79.6		79.6	
≥ 10000 ≥ 9000	83.9	84.9	84.9	84.9	84.9	83.9	83.9	84.9	84.9	84.9	84.9	84.9	1	83.9 84.9 87.1		83.9 84.9 87.1
≥ 8000 ≥ 7000	87.1 89.0				89.0	87.1 89.0 92.2	87.1 89.0 92.2	89.0	37.1 89.0 92.2	89.0		89.0	89.0	89.0	89.0	89.0
≥ 6000 ≥ 5000 ≥ 4500	94.8	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95,0	95.0
≥ 4000 ≥ 3500	96.9	97.1	97.4 98.0	97.4	97.7	97.7		97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3000	97.8	98.0		98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2
≥ 2000 ≥ 1800	98.1 98.1	98.3	98.7 98.7	99.0	99.4	99.4	99.6	99.6	99.6		99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	98.1 98.1	98.3	98.7	99.0 99.0	99.8	99.7 99.8	99.8	99.8	99.0	99,8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000 ≥ 900 ≥ 800	98.1 98.1		98•7 98•7	99.0	99.8	99.8	99.9		99.9	99.9	99,9	99.9	99.9	99.9	99.9	99.9
≥ 800 ≥ 700 ≥ 600	98.1 98.1		98.7 98.7 98.7	99.0 99.0	99.8	99.8	99.9	99.9 99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500 ≥ 400	98.1	98.3	98.7	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	98.1	98.3	98.7	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0
100 جے	98.1 98.1	1	98.7	1	99.9	99.9	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 90

USAF ETAC 10164 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDEN UTAH

67-70,73-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING					`		VIS	BHITY STA	ATUTE MILI	ES						
FEET	≥10	۵≤	≥ 5	≥ 4	≥3	≥2.	≥?	≥1 ։	≥1.	۱≤	≥ '₄	≥'•	≥ ·	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	73.0 77.4	77.4	73.0 77.4	77.4	77.4		73.0 77.4		73.0 77.4		73.0 77.4	73.0 77.4	73.0	73.0 77.4		73.0 77.4
≥ '6000	78.1 78.6	78.1 78.6	78.1 78.6	78.1 78.6	78.1 78.6	78.1 78.6			78.1 78.6		78.1 78.6	78.1 78.6	78.1 78.6	78.1 78.6	78.1 78.6	78 • 1 78 • 6
≥ 14000 ≥ 12300	80.9 83.1	83.1	83.1	83.1	80.9 83.1	80.9 83.1	80.9 83.1	83.1	83.1	83.1	80.9 83.1	83.1	83.1	80.9 83.1	83.1	80.9 83.1
≥ 10000 ≥ 2000	86.4 87.6		87.6	87.5	86.4	86.4	87.6	87.6	87.6	87.6		87.6		86.4	87.6	86.4
≥ 8000	89.1 90.7		90.8	90.8		90.8	90.8	89•2 90•8	90.8	90.8		90.8	90.8	89.2 90.8	90.8	
≥ 6000 > 5000	92.8 96.6			96.7		96.7	96.7	92.9 96.7	96.7	92.9	96.7	96.7	96.7		96.7	96.7
≥ 4500 ≥ 4000			99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0		99.0	99.0
≥ 3500 ≥ 3000	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500 ≥ 2000	99.1 99.2	99.3		99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6			
≥ 1800 ≥ 1500	99.2 99.2	99.4	99.4		99.6	99.6 99.7	99.7		99.7	99.7	99.7	99.7	99.7	99.7	99.6	99.7
≥ 1200 ≥ 1000	99.2	99.4	99.4	99.7	99.7	99.8	99.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8		99.8
≥ 900 ≥ 800	99.2	99.4		99.7	99.8	99.8	99.8	99.8 99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700 ≥ 600	99.2			99.7		99.9	99.9	99.9	99.9	99.9	99.8	99.9	99.9	99.9	99.9	
≥ 500 ≥ 400	99.2		99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0
100 ج 0 خ	99.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0 100.0	100.0 100.0	100.0	100.0 100.0	100.0 100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC 101 04 0+14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

24101

HILL AFB/OGDEN UTAH

07-70,73-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VI\$	IBIL:TY STA	ATUTE MILI	ES.						
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2 າ	≥ ?	≥i's	≥1/4	≥1	≥ '₄	≥,٤	≥ ′.	≥5 15	≥ '•	≥0
NO CEILING ≥ 20000	69.7 75.9	69.7 75.9	69.7 75.9		69.7 75.9	69.7 75.9		75.9	69.7 75.9	69.7 75.9	69.7 75.9	69.7 75.9	69.7 75.9		69.7 75.9	69.7 75.9
≥ 18000 ≥ 16000	77.3 78.3	77.3	77.3 78.3	77.3 78.3	77.3 78.3	77.3 78.3	77.3 78.3	78.3	77.3 78.3		77.3 78.3	77.3 78.3	77.3 78.3	77.3 78.3	77.3 78.3	77.3 78.3
≥ 14000 ≥ 17000	80.0	80.0 82.4	80.0 82.4	80.0 82.4	80.0 82.4	80.0 82.4	82.4	82.4	80.0 82.4	82.4		80.0 82.4	80.0 82.4		80.0 82.4	80.0
≥ 10000	86.1 88.0	86.1	86.1	86.1	86 • 1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1 88.1	86,1	86.1
≥ 8000 ≥ 7000 ≥ 6000	90.9 91.6	91.0 91.9 94.2	91.0 91.9	91.0 91.9 94.2	91.9 91.9	91.0 91.9 94.2	91.9	91.9	91.0 91.9 94.2			91.9	91.9 91.9	91.0 91.9 94.2	91.9 91.9	91.0 91.9 94.2
≥ 5000 ≥ 4500	96.6			97.0	97.1	97.1 98.2	97.1	97.1	97.1 98.2		97.1	97.1	97.1 98.2	97.1	97.1	- 1
≥ 4000 ≥ 3500	98.1	98.6	98.7	98.8 99.0		98.9 99.1	99.0	99.0		99.0	99.0	99.0	99.0			99.0
≥ 3000 ≥ 2500	98.7	99.0	99.4	99.2	99.7	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
≥ 2000	98.8	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500 ≥ 1200 ≥ 1000	98.8	99.4	99.6	99.7	99.8	99.8	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	10G.0	100.0	100.0
≥ 900 ≥ 800	98.8 98.8 98.8	99.4	99.6 99.6	99.7 99.7	99.8	99.8	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	98.8 98.8		99.6		99.8 99.8	99.8	100.0	100.0 100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	98.8 98.8	99.4	99.6	99.7	99.8	99.8	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	98.8 98.8	99.4	99.6	99.7	99.8 99.8	99.8	100.0 100.0	100.0 100.0	100.0	100.0 100.0	100.0 100.0	100.0	100.0 100.0	100.0	100.0	100.0
≥ 100 ≥ 11	98.8 98.8	7 1		- 1				100.0 100.0								

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 100 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDEN UTAH

67-70,73-78

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VIS	IBILITY ST.	ATUTE MIL	ES						]
FEET	≥10	≥6	<u> </u>	≥ 4	_: 3	≥2 ₂	≥2	≥i :	≥1.	≱ '	≥ '4	≥ .	≥ ·	≥ 5 16	≥ 14	≥0
NO CERING ≥ 20000	67.0	6' .0	37.0 72.2		0				67.0			67.0				
≥ 18000 ≥ 16000	72.8 73.9	72.9	72.8 73.9	72.8 73.9		72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 14000 ≥ 12000	75.8 78.9	76.0	76.0 79.1	76.0 79.1		76.0 79.1	76.0 79.1	76.0 79.1	76.0 79.1		76.0 79.1		76.0 79.1	76.0 79.1	76.0 79.1	
≥ 10000 ≥ 9000	85.3	84.2 85.6	84.2 85.6	84.2 85.6	84.2 85.6		84.2 85.6			84.2	84.2	84.2	84.2	84.2 85.6	84.2	84.2
≥ 8000 ≥ 7000	88.1	88.3 89.6		89.6	88.3	88.3	88.3	88.3	88.3	88.3		88.3	88.3	88.3	88.3	88.3
≥ 6000 ≥ 5000	93.8 96.3	94.0	94.0 96.6		94.0	94.0	94.0	94.0 96.6	94.0	94.0	94.0		94.0		94.0	94.0
≥ 4500 < 1000	97.3 98.3	97.7 98.7	97.8 98.8	97.8 98.8	97.8 98.8	97.8	97.8		97.8	97.8		97.8	97.8 98.8	97.8	97.8	97.8
≥ 3500 ≥ 3000	98.0 98.8	99.0	99.1 99.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1		99.1	99.1	99.1	99.1	99•1 99•6
≥ 2500 ≥ 2000	98.8 98.9	99.4	99.6	99.6	99.6		99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800 ≥ 1500	98.9 98.9	99.6	99.7 99.7	99.8	99.9	77.9	99.9	100.0	LOO • O	100 • 00	LOOADI	Lno-01	LOO A O	Loo-of	l no ant	امحما
≥ 1260 ≥ 1000	98.9 98.9	99.6	99.7 99.7	99.8	99.9	77.7	99.9	L00 • 01	LOO • O	100.00	100.00	LOO • OI	LO∩ • O□	00-0	l no "of	$  \Delta \Delta \Delta \Delta  $
≥ 900 ≥ 800	98.9 98.9	99.6	99.7 99.7	99.8 99.8	99.9	77.7	99.9	L O O • O D	LOO • OR	100 • Oll	LOO • OD	i:α0 • 00	.00.09	00.00	100.0	Lon-ol
≥ 700 ≥ 600	98.9 98.9	99.6	99.7 99.7	99.8	77.7	77.7	99.9	L00•02		LO0 • 01	Loo-oil	[GO.0]	ഥവംവി	.ററ പറി	00.0	innani
≥ 500 ≥ 400	98.9 98.9	99.6	99.7 99.7	99.8	77.7	77.7	99.9	LOO • 01)	LOO • OI	LOO • OD	LOO - OII	00.00	.ററഹറി	.ററ പറി	00-0	ומבחחו
≥ 300 ⊇ 200	98.9		99.7 99.7	99.8	99.9	99.9	99.9	00.0	00.0	100 • 01	100.001	10 • 00.	10 • 00.	00.0	00.0	00.0
≥ 100 ≥ 0	- 1	99.6 99.6	99.7 99.7	7760	7707	77.7	99.9 99.9	LOO • O:1	.00.01	100 • 00	LOOADI	00-00	.00 - 01	00 × 00	ባለ - ሰበ	00-0

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDEN UTAH

67-70,73-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CFILING							V:\$1	BRITY STA	ITUTE MILE	\$						
PEET	≥10	≥6	≥5	≥ 4	≥ 3	≥2 ,	≥ 3	≥112	≥1.	≥1	≥ '₄	≥',	≥ ;	≥5 16	≥ ,•	≥0
NO CEILING ≥ 20000	70.7	70.7 73.9		70.7 73.9	70.7 73.9	70.7 73.9	70.7 73.9	70.7 73.9	70.7 73.9	70.7 73.9	70.7 73.9	70.7 73.9		70.7 73.9	70.7 73.9	70.7 73.9
≥ 18000 ≥ 16000	74.1 74.6	74.1 74.6		74.1 74.6	74.1 74.6	74.1 74.6	74.1 74.0	74.1 74.6	74.1 74.6	74.1 74.6	74.1 74.6	74.1 74.6		74.1 74.6		74.1 74.6
≥ 14000 ≥ 12000	76.0 79.1	76.1 79.3	79.3		76.1 79.3	76.1 79.3		76.1		79.3			79.3			
≥ 10000   ≥ 9000	85.2	85.4	86.7	86.7			86.7	86.7	86.7	86.7	86.7	86.7	86.7		86.7	86.7
≥ 8000 ≥ 7000	89.0 91.0	89.2 91.2	91.2	91.2	91.2	91.2	91.2	89.2 91.2		91.2	91.2	91.2	91.2		91.2	91.2
≥ 6000 ≥ 5000	93.9	94 • 1 96 • 7	96.8	96.8	94 • 1 96 • 8	94.1 96.8	96.8		96.8	96.6	96.8	96.8	96.8	94.1 96.8	96.8	96.8
≥ 4500 ≥ 4000 ≥ 3500	96.9 97.8 97.9	97.2 98.1 98.2	98.2	- 1	97.3 98.2 98.3	97.3 98.2 98.3	911.2		97.3 98.2 98.3	98.2	97.3 98.2 98.3	98.2	98.2	98.2	98.2	98.2
≥ 3000	99.1	99.6	99.7		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	99.2	99.7	99.8	99.8		99.8				99.8	99.8		99.8		99.8	99.8
≥ 1500	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000 	99.4 99.4		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0
≥ 800 ≥ 760	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400 ≥ 300 > 200	99.4 99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0
2 100	99.4	99.9	100.0 100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS\_

900

USAF ETAC 10104 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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### CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDEN UTAH

Charles and the second

U7-70,73-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS ILS!

CEILING							VIS	BILITY STA	ATUTE MILI	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2 2	≥ ?	≥i ;	≥1'4	≥,	≥ '₄	≥'•	≥ ?	≥5 16	≥ 4	≥0
NO CEILING ≥ 20000	72.1 75.8	72.1 75.8	72.1 75.8	72.1 75.8	72.1 75.8	72.1 75.8	72.1 75.8	72.1 75.8		72.1 75.8	72.1 75.8	72.1 75.8	72.1 75.8	72.1 75.8		72•1 75•8
≥ 18000 ≥ 16000	76.3 76.8	76.3 76.8		- 1	76.3 76.8	76.3 76.8	76.3		76.3	76.3	76.3	76.3 76.8				76.3 76.8
≥ 14000 ≥ 12000	78.7 81.3	78.8 81.3	,		78.8	78.8	78.8	78.8	78.8		78.8	78.8	78.8		78.8	
≥ 10000 ≥ 9000	85.7 86.8		85.8 86.8		86.8	85.8 86.8		85.8 86.8				85.8 86.8				85.8 86.8
≥ 8000 ≥ 7000	89.0 90.8	90,9	89 • 1 90 • 9	89.1 90.9		89.1 90.9	90.9	89•1 90•9			89.1 90.9	89.1 90.9		89 • 1 90 • 9		
≥ 6000 ≥ 500°	93.4 96.4	96.6			96.7			96.7	96.7	96.7	93.5 96.7	93.5 96.7		93.5 96.7	93.5 96.7	
≥ 4500 ≥ 4000		98.3	98.4	98.4	98.5		98.5	98.5	97.5 98.5	98.5	97.5 98.5	98.5	98.5	98.5	98.5	97•5 98•5
≥ 3500 ≥ 3000	98.2 98.6	99.1	99.2	<del></del> +	99.4	99.4	99.4	98.8 99.5	99.5	99.5	98 • 8 99 • 5	99.5	99.5	99.5	99.5	98•8 99•5
≥ 7500 ≥ 2000	98.7 98.8	99.3	99.4	99.6	99.7	99.7	99.8	99.6 99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800 ≥ 1500	98 • 8 98 • 8	99.3	99.5	99.6	99.8	99.8	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	98.9 98.9	99.4	99.5	99.7	99.9	99.9	99.9	99.9 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	98.9 98.9	99.4	99.5	99.7	99.9	99.9	99,9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	98.9 98.9	99.4	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0
≥ 500 ≥ 400	98.9 98.9	99.4	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	98.9 98.9 98.9	99.4	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0 ≥ 0	98.9	99.4	99.5	99.7 99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

24101 HILL AFB/UCDEN UTAH

07-70,73-78

0000-0200

PERCENTAGE FREQUENCY OF OCCUPYENCE (FROM HOURLY OBSERVATIONS)

CEIUNG							VISI	BILITY ISTA	TUTE MILE	S						
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2 ,	≥ 2	≳່າ ~	≥1.	≥1	≥ '4	≥ ′₄	≥ -	≥ 5 16	2 .	≥0
NO CEILING ≥ 20000	83.2 85.1	83.2 85.1	83.4 85.1	83.2 85.1	83·2 85·1	83.2 85.1	83.2 65.1	83.2 85.1	83.2 85.1	83.2 85.1	83.2 85.1	83.2 85.1	83.2 85.1	83.2 85.1	83.2 85.1	83.2 85.1
≧ 18000 ≥ 16000	85.6 86.2	85.6	85.6 86.2	85.6 86.2	85.6 86.2	85.6 86.2	85.6	85.6 86.2	85.6 86.2	85.6 86.2	85.6 86.2	85.6 86.2	85.6 86.2	85.6 86.2	35.6 86.2	85.6 86.2
≥ 14000 ≥ 12000	88.1 92.6	88.1 92.6	88.1 92.6	88.1 92.6	88 • 1 92 • 6	88.1 92.6	88.1 92.6	88.1 92.6	88 • 1 92 • 6	88.1 92.6	88.1 92.6	88.1 92.6	88.1 92.6	88 • 1 92 • 6	88.1 92.6	88·1 92·6
≥ 9000	95.2 95.7	95.2 95.7	95.2 95.7	95.7 95.7	95.7	95.2 95.7	95•2 95•7	95.2 95.7	95.2 95.7	95.2 95.7	95.2 95.7	95.2 95.7	95.2 95.7		95.2 95.7	95•2 95•7
≥ 8000 ≥ 7000	97.7	97.8	97.2 97.8	97.8		97.2 97.8	97.2 97.8	97.2 97.8	97•2 97•8		97.2 97.8	,			97.2 97.8	97.2 97.8
≥ 6000 ≥ 5000	99.2	99.4 99.8	99.4		99.4	99.8	99.4	99.4 99.8	99.4	99.4 99.8		99.4	99.4	99.8	99.4	99.8
≥ 4500 ≥ 4000	99.7	99.8 99.8	99.8	99.8	99.8	99.8	99.8		99.8 99.8	99.8		99 • 8			99.8	99.8 99.8
≥ 3500 ≥ 3000	99.7	99.9	99.8	99.8 99.9	99.9	99.9	99.8	99.8	99.8	99.9	99.9		99.9	99.9		99.8
≥ 2500 ≥ 2000	99.7 99.7	99.9	99.9 99.9	99.9	99.9 99.9	99.9 99.9	99.9			100.0	99.9 100.0 100.0	100.0	100.0	100.0	100.0	
≥ 1500	99.7	99.9	99.9	99.9	99.9	99.9	99.9 99.9	99.9	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0
2 1200 2 1000 2 900	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0
≥ 80v	99.7	99.9	99.9	99.9		99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.7 99.7	99.9		99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 500 2 400 2 300	99.7 99.7		99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200 ≥ 00	99.7		99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
± 03 ≥ 0	99.7			1		7 1		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 1,24 0-14-5 (OL A) MEYOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

24101 HILL AFB/DGDEN UTAH

57-70-73-78

WONT-

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING	VISIBILITY STATUTE MILES
FEET	210 26 25 24 23 22 27 21 21 21 24 2 25 16 2 20
NO CEILING ≥ 20000	83.9 83.9 83.9 83.9 83.9 83.9 83.9 83.9
00081 ≤ 00001 ≤	85.3 85.3 85.3 85.3 85.3 85.3 85.3 85.3
≥ 14000 ≥ 12000	87.7 87.7 87.7 87.7 87.7 87.7 87.7 87.7
≥ 10000	95.8 95.8 95.8 95.8 95.8 95.8 95.8 95.8
≥ 8000 ≥ 7000	97.6 97.7 97.7 97.7 97.7 97.7 97.7 97.7
≥ 4000	99.5 99.6 99.6 99.6 99.6 99.6 99.6 99.6
≥ 45%0 ≥ 4%00	99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8
≥ 3500 ≥ 3000	99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9
≥ 2500 ≥ 2000 ≥ 1800	99.9100.0100.0100.0100.0100.0100.0100.0
≥ 1800 ≥ 1500 ≥ 1200	$\begin{array}{c} 99.9100.0100.0100.0100.0100.0100.0100.0$
≥ 1000 ≥ 900	99.9100.0100.0100.0100.0100.0100.0100.0
≥ 800 ≥ 700	99.9100.0100.0100.0100.0100.0100.0100.0
≥ 600 ≥ 500	99.9100.0100.0100.0100.0100.0100.0100.0
≥ 400 ≥ 300	99.9100.0100.0100.0100.0100.0100.0100.0
2 20L	99.9100.0100.0100.0100.0100.0100.0100.0
	99.9100.0100.0100.0100.0100.0100.0100.0

TOTAL NUMBER OF OBSERVATIONS\_\_\_\_

930

USAF ETAC 10164 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CHEST STORY

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### CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDEN UTAH

07-70,73-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY STATUTE MILES
FEET	≥10 ≥6 ≥5 ≥4 ≥3 ≥2. ≤2 ≥1 ≥1. ≥1 ≥., ≥. ≥5 16 ≥. ≥0
NO CEILING ≥ 20000	80.8 80.9 81.1 81.1 81.1 81.1 81.1 81.1 81.1 81
≥ 18000 ≥ 16000	83.2 83.3 83.5 83.5 83.5 83.5 83.5 83.5 83.5
≥ 14000 ≥ 12000	85.6 85.7 85.9 85.9 85.9 85.9 85.9 85.9 85.9 85.9
≥ '6f00 2000 ≤	94.7 94.8 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1
≥ 8600 ≥ 7000	97.1 97.2 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4
≥ 6000 ≥ 5000	99.0 99.1 99.4 99.4 99.4 99.4 99.4 99.4 99.4
≥ 4500 ≥ 4000	99.2 99.5 99.7 99.7 99.7 99.7 99.7 99.7 99.7
2 3500 ≥ 3000	99.5 99.7 99.9 99.9 99.9 99.9 99.9 99.9
· 2500 ≥ 2000	99.0 99.0100.0100.0100.0100.0100.0100.01
≥ '800 ≥ 1500	99.4 99.8100.4100.4100.4100.4100.4100.4100.4100
2 20° 2 1500	99.6 99.6100.0100.0100.0100.0100.0100.0100.01
. 700	$\frac{99.6}{99.8100.0100.0100.0100.0100.0100.0100.01$
- TUC	99.6 99.8100.0100.0100.0100.0100.0100.0100.01
≥ 600	99.6 99.8100.0100.0100.0100.0100.0100.0100.01
≥ 400 ≥ 300	99.6 99.8100.0100.0100.0100.0100.0100.0100.01
≥ 200	99.6 99.8100.0100.0100.0100.0100.0100.0100.01
ر ≤	99.6 99.8100.0100.0100.0100.0100.0100.0100.01

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC 114 0-14-5 (OL A) MEVIOUS SUTTIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

24101

HILL AFB/OGDEN UTAH

07-70,73-78

PERCENTAG:: FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CERING							VIS	BILITY STA	TUTE MILI	ES						
FEET	≥10	<i>?</i> 6	≥ 5	≥ 4	≥3		2.2	չ՝ ւ	داء	≥'	≥ 14	≥'•	≥ 、	≥5 16	≥ 14	≥0
NO CEILING ≥ 20000	82.3 84.5	82.8 85.1	35.2	85.2	85.2	85.2	85.2		82.9 85.2	85.2	82.9 85.2	82.9 85.2	85.2		85.2	82.9 85.2
≥ 18000 ≥ 160001	84.6 85.3		85.9	85.9	85.9	85.9	85.9	85.9		85.9	85.9		85.9	85.9		
≥ 14000	88.1 92.2		92.8		92.8	92.8	92.8	92.8		92.8	92.8			92.8		
≥ 9000	95.9 96.1	96.5 96.7 97.6	96.8	96.8	96.8	96.8	96.8	96.8		96.8	96.8		96.8	96.8	96.6 96.8 97.7	96.8 96.8
≥ 8000 ≥ 7000 ≥ 8000	97.6	98.2	98.3	98.3	98.3	98.3			97.7 98.3 98.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 5000 ≥ 5000	98.7	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5		99.5
≥ 3500	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7 99.8	99.7	99.7	99.7	99.7	99.7
≥ 3000	98.8				99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
_ 2000 , ≥ 1800	,	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 1200	98.8	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0
- 900 - 900 - 801	98.8 98.8 98.8	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 - 600	98.8 98.8	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0 100.0	100.0	100.0	100.0	100.0	100.0
2 500 2 400	98.8 98.8	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0
= 300 = 200	98.8 98.8	99.6		99.9 99.9	100.0 100.0	100.0 100.0	100.0	100.0 100.0	100.0	100.0 100.0	100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0	100.0
. IVU	98.8 98.8		99.7 99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

LISAE FTAC 1044 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOICE

### CEILING VERSUS VISIBILITY

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24101 HILL AFB/UGDEN UTAH

07-70,73-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1402

CEILING							VISI	BILITY STA	וויא זוניז.	<b>S</b>						
FEET	≥10	≥ઠ	≥5	24	≥3	≥?:	≥ ?	≥1',	≥1.	≥1	≥ '•	≥,*	≥ .	≥5 16	≥ .	≥0
NO CEILING 20000	86.5	37.0 89.9	89.8	89.8	89.8		89.8	89.8	89.8	89.8		89.8	89.8	87.0 89.8		89.8
218000	89.4 89.8	90.3	90.3	90.3		90.3	90.3		90.3		1	89.9 90.3				- 1
≥ 14000 ≥ 12000	91.0 93.9	91.5	94.4		94.4		94.4			94.4	94.4	94.4	94.4	94.4	94.4	91.5
≥ 9000 ≥ 9000	96.5 96.9	97.0	97.4	97.4	97.4	97.4	97.4		97.0 97.4	97.4	97.4	97.4	97.4	97.4	97.4	
≥ 8000 ≥ 7000	97.5 97.5	98.1 98.1	98•1 98•1	98.1	98.1	98.1 98.1	9d • 1 98 • 1	98.1	98 • 1 98 • 1	98.1		98 • 1	98.1	98.1	98,1	
≥ 6000 ≥ 5000	98.2 98.8	98.7		99.6	98.7	98.7	98.7		98.7 99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4500 ≥ 4000	98.8 98.8	99.6	99.6 99.7	99.7				99.8			99.8	99.8	99.8	99.8	99.8	
≥ 3500	98.8 98.8	99.6	99.7 99.8		99.8	99.8		99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500 ≥ 2000	98.8 98.8	99.7	99.8	99.8				99.9		99.9	99.9		99.9	99.9	99.9	99.9
≥ 1800	98.8 98.8	99.7	99 · 8	99.8	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99,9	
≥ 1205 ≥ 1200	98.8	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	98.8	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	98.8	99.7		99.8	99.9	99.9	100.0	100•0 100•0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 500 2 400	98.8 98.8	99.7	99.8	99.8	99.9	99.9	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.8	99.7	99.8	99.8	99.9	99.9	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
> 100	98.8			99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS...

USAF ETAC 10. 64 0-14-5 (OL A) PREVIOUS FOITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

24101

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WILL AFB/GGDEN UTAH

47-70,73-78

1500-1700

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIUN'S							VISI	BILITY STA	TUTE MILE	٥.						
FEET	≥10	≥ه	≥ 5	≥4	≥3	≥2.	≥2	≥1 .	≥1.	≥1	≥ 14	≥ ,	≥ :	25 16	2.	≥0
NO CHUNG	81.7 88.5	ยา.9 8ศ.7		81.9 88.7	81.9 88.7	81.9 88.7	81.9 88.7		81.9 88.7	81.9 88.7	88.7	81.9 88.7	88.7	88.7	81.9 88.7	88.7
≥ 18000 ≥ 16000	88.9	89.1 89.5	89.1 89.5	89.1 89.5	89 • 1 89 • 5	89.1 89.5	89.1 89.5	89.5	89.1 89.5	89.1 89.5	89.1 89.5	89.1 89.5	39.1 89.5	89.1 89.5		89.1 89.5
≥ 14000 ≥ 12000	90.5 93.9	90.8 94.1	90 • 8 94 • 1	90.8	90 · 8 94 · 1	90.8 94.1	90.8	94.1	90.8 94.1	90.8 94.1	94.1	90.8	90.8	90 • 8 94 • 1	90.8 94.1 96.2	94.1
≥ 1000C ≥ 9000	96.0 96.3	96.2 96.6		96.2 96.6 97.5					96.2 96.6 97.5	96.6	96.6			96 • 2 96 • 6 97 • 5	96.6	96.6
≥ 8000 ≥ 7000	97.3 97.7 98.6	98.0	97.5 98.0 98.8	1	97.5 98.0 98.8	97.5 98.0 98.8	97.5 98.0 98.8	98.0	98.0 98.8	98.0	98.0			98.0	98.0	98.0
≥ 5000 ≥ 5000	99.4	99.6	• [			99.6	99.6	99.6	99.6		99.6	99.6	99.6	99.6	99.6	99.6
≥ 4000	99.5	99.7	99•7 99•7	99.7 99.7	99.7	99.7	99.7	99.7 99.7	99.7 99.7	99.7	99.7	99.7		99.7 99.7		
≥ 3000	99.5	99.7 99.7	99•7 99•8	99.8		99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7		99.8			99.8	99.8
≥ 2000 ≥ 1860	99.5 99.5	99.7	99•9 99•9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		99.9
≥ 1500 ≥ 1200 ≥ 1000	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9 99.9	99.9	99.9	99.9	99.9	99.9	99.9	1
≥ 900 ≥ 800	99.5 99.5	99.7	99.9	99.9	99.9	99.9 99.9	99.9	99.9		99.9	99.9	99.9	<del></del>	99.9	99.9	
≥ 700 ≥ 600	99.5	99.7	99.9	99.9	99.9		99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0		100.0 100.0
≥ 500 ≥ 400	99.5 99.5		99.9 99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	99.5 99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9		99.9	100.0	100.0	100.0	100.0	100.0	100.0
2 100 2 0	99.5	1			99,9	99.9		99.9								100.0

TOTAL NUMBER OF OBSERVATIONS.

930

LISAE FTAC 1004 0-14-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

## CEILING VERSUS VISIBILITY

24101

HILL AFB/UGDEN UTAH

67-70,73-78

AUT.

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING !							VISI	BILITY STA	TUTE MILE	E\$						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2.	≥2	≥i	≥; .	≥1	≥ 4	≥ 9	≥.	≥5 16	≥ .	≥0
NO (EILING) ≥ 20000	74.4 81.7	74.4 81.7	74.5 81.8			81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	
5 19 kV) 5 18000	82.8 83.8	82.8 83.8	83.9	82.9 83.9	83.9		83.9	83.9	83.9	82.9 83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 14000	87.0 90.0			90.1	90.1		90.1	90.1	87.1 90.1		90.1	90.1	90.1	87.1 90.1 93.7	90.1	90.1
≥ 9600 ≥ 9600 ≥ 2600	93.5 94.0 95.4	93.5 94.0 95.4	93.7 94.1 95.5	93.7 94.1 95.5	94.1	93.7 94.1 95.5	94.1		94.1 95.5	94.1	94.1	94.1 95.5	94.1	94.1	94.1	
≥ 7000	96.8 98.6	96.9	97.0 98.8		97.0	97.0	97.0		97.0	97.0 98.8	97.0 98.8	97.0 98.8	97.0	97.0 98.8	97.0 98.8	97.0 98.8
≥ 5000 ≥ 4500	99.1 99.2	99.5		99.6	99.6	99.5	99.6	99•5 99•6	99.6	99.6	99.5 99.6	99.6	99.6	99.5	99.6	99.6
≥ 3500 ≥ 3000	99.4		99.7 99.7 99.8	99.7	99.7	99.7	99	59.9	99.9	99.9	99.9 99.9 100.0	99.9	; 99.9	99.9	99.9	99.9
≥ 2590 > 2990	99.4	99.6	99.8	99.8	99.8	99.8	100.0	100.0	190•0 190•0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800 ≥ 1570	99.4	99.6	99.8	99.8	99.8	99.8	100.0	100.0 100.0	100.0 100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0
≥ 1700 > 1000	99.4	99.6 99.6	99.8	99.8	99.8	99.8	100.0 100.0	100.0	100.0 100.0	100.0	100.0	100 • 0	100.0	100.0	100.0	100.0
≥ 900 ≥ P(X)	99.4	99.6 99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0 100.0 100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600 ≥ 500	99.4	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.4	99.6	99.8	99.8	99.8	99.8	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.4	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<u> </u>	99.4	99.6	99.8	99.8	99.8	99.8	100.0	1 20.0	100.0	X100 • (	100.0	100.0	TOO.C	100.0	TOO.	μουσι

TOTAL NUMBER OF OBSERVATIONS.

930

USAF E.AC 04 0-14-5 (OL A) MEMOUS EDITIONS OF THIS FORM ARE OBSOLE

#### CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDEN JTAH

67-70,73-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CHUNG							VIS	BILITY STA	ATUTE MILE	E\$		·				
FEET	≥10	≥6	≥5	≥ 4	د ≤	≥2 7	≥ 2	≥i	≥1 .	≥1	≥ .	≥`•	≥ .	≥5 16	≥ '4	≥0
NO CEILING ≥ 20000	76.6 80.5				76.6 80.5	76.6 80.5			76.6		76.6	76.6 80.5			76.6 80.5	76.6 80.5
≥ 18000 ≥ 18400	81.5 82.5	81.5	81.5 82.5	31.5 82.5		81.5 82.5	81.5	82.5	81.5 82.5	82.5	82.5	81.5 82.5	81.5 82.5	81.5 82.5	81.5 82.5	81.5 82.5
≥ 14000 ≥ 12000	84.7 88.5	88.5	<del>,,</del>	88.5	88.5	84.7	84.7	88.5	84.7 88.5	84.7 88.5			84.7 88.5		84,7	84.7
≥ 1000°u ≥ 9000	92.0 92.4	92.4	92.4	92.4	92.4		92.4	92.4		92.4	92.4	92.4	92.0 92.4		92.0 92.4	92.0
≥ 8000 ≥ 7000	94.5 96.1	96.1	96.1	96.1	96.1		94.5 96.1	96.1	94.5 96.1	96.1	96.1	94.5 96.1	96.1	96.1	94.5 96.1	94.5
≥ 6000 ≥ 5000	98.7 99.6	99.8	99.8	99,8	99.8			99.8	98.9 99.8	99.8	99.8		99.8	99.8	99.8	99.8
≥ 4500 ≥ 4000	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9
2 3500 2 3000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000 ≥ 1800	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 1500 > 1200	99.8	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400 • 3UL	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
± 200 > 100	99.8	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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## CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDEN UTAH

67-70,73-78

ACT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CELLING							VIS	BILITY STA	ATUTE MILI	ES:						
FEET	≥10	۵≤	≥ 5	≥ 4	≥ 3	≥2 ;	≥:	≥ì∵	214	≥1	≥ ¹₄	≥ ′•	≥	≥5 16	≥ .	≥0
NO CEILING	81.2 84.7	81.3	81.4 84.9	81.4 84.9	81.4	81.4 84.9	81.4				81.4 84.9	81.4 84.9		81.4 84.9		
≥ 18000	85.2 85.7	85.3 85.9	85.4 85.9	85.4 85.9	85.4 85.9	85.4 85.9	85.4 85.9	85.4	85.4	85.4 85.9	85.4 85.9	85.4 85.9		85.4 85.9	85.4 85.9	85 • 4 85 • 9
≥ 14000 ≥ 12000	87.8 91.7	88.0 91.9		88.1 91.9	88 · 1 91 · 9	88.1 91.9	88.1 91.9	88.1 91.9	88.1 91.9	88.1 91.9	88.1 91.9	88.1 91.9	88.1 91.9	88.1 91.9	88.1 91.9	88 • 1 91 • 9
≥ 10000 ≥ 9000	95.0 95.4	95.1 95.6		1	95·2 95·7	95.2 95.7	95.2 95.7		,	95.7	95.7	95.2 95.7		i		
≥ 8000 ≥ 7000	96.7 97.5	96.9 97.7			97.0 97.7	97.0 97.7	97.0 97.7		97.7	97.7	97.7			97.7	97.7	
≥ 6000 ≥ 5000	98.8 99.3	99.0 99.6	99.6		99.1	99.1 99.6		99•1 99•6		99.6	99.6					
≥ 4500 ± 4000	99.4	99.7	99.8	99.8	99.7	99.7 99.8	99.7	99.8		99.8	99.8	99.8	99.8	99.8		99.8
≥ 3500 ≥ 3000	99.4 99.4	99.7	99.8	99.9	99.8	99.8 99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500 ≥ 2000	99.4	99.8 99.8	99.9	99.9	99.9	99.9		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800 ≥ 1500	99.4	99.8 99.8		99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 120° ≥ 1000	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0
₹ 800 - 800	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	99.4	99.8	99.9	99.9	99.9	99,9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.4	99.8	99.9			99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.4	99.8	99.9		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.4		,			- 1							100.0			

TOTAL NUMBER OF OBSERVATIONS

7440

USAF ETAC JULIA 0-14-5 (CL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDEN UTAH

67-70,73-78

\_\_\_AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CERING							VIS	BILITY ST	ATUTE MILI	<del></del>						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2.	≥ 2	≥ì.	≥1.4	۱≤	≥ ,⁴	≥.,	≥ ;	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	77.0 78.5	77.1 78.6		78.6		78.6		77.1 78.6		77.1 78.6			77.1 78.5	77.1 78.6	77.1 78.6	77.1 78.6
≥ 18000 ≥ 16000	79.0 79.8	79.9	79.1 79.9					79.1 79.9	79 • 1 79 • 9	79,9	79.1 79.9		79.1 79.9	79.1 79.9	79.1	79.1
≥ 14000	84.1	89.0	89.0	89.0		89.0	89.0	84•2 89•0	89.0	89.0		89.0				
≥ 900°1	94.9		95.1	95.1	95.1	95.1	95.1	94.3 95.1	95.1	95.1	94.3 95.1	95.1	95.1	94.3		95.1
≥ 8000 ≥ 7000	97.1 97.6	97.2	97.7	97.7	97.2	97.7	97.7	97.7	97.7	97.7	97.2 97.7	97.7	97.2 97.7	97.2	97.2 97.7	97.7
≥ 6000 ≥ 50N° ≥ 4500	98.1 99.5 99.5	98.2 99.6	99.7	98.2 99.7			99.7	99.7		99.7	99.7	99.7			98.2	
≥ 4500 ≥ 4900 ≥ 3500	99.6	99.7	99.9	99.9	99.7 99.9	99.9	99.9	99.9	99.9	99.9		99.9				99.7 99.9
≥ 2500	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500 > 1200	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.6	99.7	99.9		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800 ≥ 700	99.6	99.7		99.9							100.0					
> 600	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0
≥ 400 ≥ 300 ≥ 200	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 2 0	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0
<u> </u>	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93

USAF ETAC 10 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDEN UTAH

67-70,73-78

\_\_\_\_AUG\_

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VIS	BRITY ISTA	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥′	≥2	≥1%	≥1'4	≥1	≥ '4	≥ >,,	≥ '2	≥ 5 16	≥ '₄	≥0
NO CEILING	78.9	78.9 80.9				78.9 80.9				78.9 80.9	78.9 80.9	78.9		l ' _1	78.9 80.9	78 • 9 80 • 9
≥ 18000 ≥ 5000	81.6	81.6	81.6	81.6	81.6	81.6	81.0	81.6	81.6		81.6	81.6 82.2	81.6	81.6	81.6	81.6
≥ 14000 ≥ 12000	85.2	85.2	85.2	85.2	85.2	85.2 90.4	85.2	85.2	85.2	85.2	85.2	85.2 90.4	85.2	85.2	85.2 90.4	85.2
≥ 10000 ≥ 9000	90.4	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 8000 ≥ 7600	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7 97.2	95.7
≥ 6000 ≥ 5000	98.3	98.5	98.5	98.5			98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 4500 ≥ 4000	99.2 99.5 99.5	99.9	99.9	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	00.5	99.9	99.9	99.9	99.9 100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500 ≥ 2000	99.6	100.0	100.0	1100 . C	100.0	100.0	1100.0	100.0	100.0	1100.0	100.0	100.0	100.0	100.0	100.0	T00 • 0
≥ 1800 1500	99.6	100.0	100.0	1100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	T00 • 0	100.0	T00 • 0
≥ 1200 ≥ 1300	99.6	100.0	1100.0	1100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 • O	100.0	1700 • 이
≥ 900 ≥ 80x	99.6	100.0	iloo. (	100.0	100.0	100.0	0.00 ik	100.0	100.0	X100.0	100.0	100.0	100.0	r00 • 0	100.0	T00.0
≥ /W ≥ 600	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 40c	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0
١٥٥١ ي	99.4	1100.0	1100-0	00.0	100.0	100.0	100.0	00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0

OTAL NUMBER OF OBSERVATIONS

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

930

## CEILING VERSUS VISIBILITY

24101

HILL AFB/UGDEN UTAH

COMMINSTER CHARLESTON OF THE STATE OF

67-70,73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILIPIG							VISI	BILITY STA	TUTE MILI	ES						
FEET	≥16	≥6	<b>&gt;</b> 5	≥ 4	≥ 3	≥2 7	≥ ?	≥۱۱۰	≥1.4	اي≤	≥ ¼	≥'∗	צ'י≥	≥ 5 16	≥'.	≥0
NO CEILING ≥ 20000	78.4	78.4		78.4 80.5		78.4 80.5		78.4 80.5	78.4 80.5		78.4 80.5	78.4 80.5	1	78.4 80.5	78.4 80.5	78 • 4 80 • 5
≥ 18000	80.5	80.5						81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 16900	81.5	81.5													81.5	81.5
≥ 14000 ≥ 12000	83.4 87.6	83.4							83.4 87.6	83.4 87.6		83.4 87.6		87.6		
≥ 10000	92.7	92.7		92.7		92.7	92.7		92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 9000	93.5	93.5			93.5			93.5		93.5		93.5			93.5	
≥ 9000 ≥ 7000	95.2 95.8	95.3	1		, -,			95•3 96•0		95.3 96.0				_		
≥ 5000	98.1	98.3			·				98.3	98.3	98.3	98.3	98.3	ı		
≥ 5000	99.0											99.5			99.2	
≥ 4500 ≥ 4000	99.1						99.5		1	99.5		99.7	_			
≥ 3500	99.2								99.7	99.7	99.7	99.7	99.7	99.7	99.7	1
2 3000	99.4	99.7							99.8	99.8	99.8	99.8	99.8			•
≥ 2500	99.4	99•7 99•7	99•7 99•7	99.7	,			99.8	99.9	99.8	99.9	99.9	99.9			
≥ 1800	99.4		99.7	<del> </del>				99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 1500	99.4		99.7			99.9	99.9	99.9	99.9	99.9	99.9	99.9				99.9
≥ 1700 ≥ 1000	99.4	99.7		99.8	99.9	100.0	99.9	99+9	100.0	100.0	100-0	100.0	100.0	100.0	100.0	99.9
2 900	99.5			99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.5			99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	99.5	,		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.5			99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	)L00.0	100.0	100.0	# 00 • o
≥ 400	99.5		<del></del>	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	99.5		1	99.9	11 00 c 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	1	99.8	<del></del>	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0040	14 00 • 0	100.0	1±00•0
2 0	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93

USAF ETAC 10-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

24101 HILL AFB/DGDEN UTAH

67-70,73-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							٧١S	IBILITY ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥2 7	≥ 2	≥i,	≥1/4	≥1	≥ ′4	≥'•	≥ ⁄7	≥5 16	≥ •	≥0
NO CEILING ≥ 20000	81.d 83.2	81.0 83.2	81.0 83.2	83.2	83.2	83.2	83.2				• -			81.0 83.2	81.0 83.2	
≥ 18000 ≥ 16000	83.3 83.5	83.3 83.5	83.3 83.5	83.5	83.5	83.5	8 5	83.5	83.5	83.5	83.5	83.5		83.3 83.5		83.5
≥ 14000 ≥ 12000	85.1 88.2	85.1 88.2	85.1 88.2		85.1 88.2	88.2	85.1 88.2	88.2					85.1 88.2	85.1 88.2	85.1 88.2	
≥ 10000 ≥ 9000	93.2	93.2	93.2	94.6	93.2	94.6		94.6		94.6	94.6	94.6		93.2	93.2	94.6
≥ 8000 ≥ 7000 ≥ 6000	96.1 96.9 98.4	96.1 96.9 98.5	96.1 96.9 98.5						96.9		96.9				96.1 96.9 98.5	
≥ 5000 ≥ 5000	99.1 99.2	99.2	99.2	99.2	99.2	99.2	98.5 99.2 99.4	99.2	99.2	99.2	99.2	99.2	99.2	98.5 99.2 99.4	99.2	,
≥ 4000	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5		99.5	99.5
≥ 3000 ≥ 2500	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99,7	99.7	99.7	99.7			99.7
≥ 2000	99.6	99.7	99.7			99.8 99.8		99.8		99.8		99.8			99.8	99.8 99.8
≥ 1500	99.6	99.7		99.8	99.8	99.8 99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900 ± 800	99.6	99.8	99,9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	99.6 99.6 99.6	99.8 99.8	99.9	100.0	100.0	100.0 100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
00، ج ن <u>خ</u>	99.6 99.6	99.8	99.9	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC 20164 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

24101

HILL AFB/UGDEN UTAH

47-70,73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEPING							VIS	IBILITY STA	ATUTE MILE	ES.						
FEET	≥10	≥ه	≥5	≥4	≥3	≥2	≥ 2	≥i.	≥1.	≥1	≥ ′4	≥,•	≥ :	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	84.5 87.2	84.6		87.3	84.6 87.3			84.6 87.3		87.3	87.3				87.3	87.3
≥ 18000	87.4 87.4	87.5 87.5	87.5	87.5		87.5 87.5	87.5 87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5 87.5	87.5 87.5	87.5
≥ 14000 ≥ 12000	89.4 93.1	89.5 93.2	93.2	93.2	89.5 93.2	89.5 93.2	89.5 93.2	93.2	89.5 93.2			89.5 93.2		89.5 93.2	93.2	93.2
≥ 10000 ≥ 9000	95.1 95.3	95.2 95.5	95.5	95.5	95 • 2 95 • 5	95.2 95.5		95.5	95•2 95•5		95.5				95.2 95.5	95.5
≥ 8000 ≥ 7000	96.2 96.7	97.0	97.0	97.0		96.5 97.0	97.0	97.0		97.0	97.0	96.5 97.0	97.0			97.0
≥ 6000	98.0 98.7	99.0	99.0	99.0	98.3 99.0	98.3 99.0		99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 4500 ≥ 4000 ≥ 3560	98.7 99.0	99.4	99.4	99.5		99.5			99.5	99.5	99.5	99.1 99.5		99.1 99.5	99.5	99.1
≥ 3000	99.0 99.0	99.4	99.4	99.6	99•5 99•6	99.5		99.6		99.6	99.6	99.6	99.6		99.6	99.5
≥ 2500 ≥ 2000 ≥ 1800	99.0		99.5	99.7	99.7		99.7	99.7	99.7	99.7	99.7 99.7	99.7	99.7	99.7	99.7	99.7
≥ 1560 ≥ 1200	99.1 99.1		99.6		99.9	99,9	100.0	100.0	100.0	100.0	99.8 100.0 100.0	100.0	100.0	100.0	100.0	
2 1000	99.1		99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0
≥ 800 ≥ 700	99.1	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.1 99.1	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.1	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.1	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0
= 0	99.1	99.6		99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

A CTANGEL

HILL AFB/DGDEN UTAH

67-70,73-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VIS	BILITY STA	ATUTE MIL	ES						
FEST	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 2	≥ ?	≥1	≥1.	≥1	≥ 34	≥,•	≥ %	≥ 5 16	≥.	≥0
NO CEIUNG ≥ 20000	81.7 86.8	81.7 86.8		86.8	81.7 86.8		86.8			86.8	86.8		86.8	86.8	86.8	86.8
≥ 18000 ≥ 16000	87.1 87.4	87.1 87.4		87.4	87.1 87.4			87.1 87.4	87.1 87.4						87,4	87.4
≥ 11000 ≥ 12000	89.0 91.9	89.0		89.0 91.9	89.0 91.9	89.0 91.9						_				
≥ 10000 ≥ 9000	94.0 94.8	94.8		94.0	94.8											
≥ 8000 ≥ 7000	96.3	96.6		96.6 97.2	96.6		96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6 97.2		
≥ 6000 ≥ 5000	98.0 98.8	98.2		98.3 99.1	98·3	98.3 99.1	98.3 99.1		98.3		98.3		98·3	98.3	98.3 99.1	
≥ 4500 ≥ 4900	98.8 99.1	99.0					99.2	99.2	99.2	99.2						
≥ 3500 ≥ 3009	99.4	99.6			99.8		99.8				99.8	99.8		99.8	99.8	99.8
≥ 2500 ≥ 2000	99.4	99.6	99.9 100.0				99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 1800 ≥ 1500	99.5	99.7	100.0	100.0	100.d	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 120 ≥ 1000	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 90u ≥ 800	99.5 99.5		100.0 100.0													
≥ 700 ≥ 600	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
÷ 509 ≥ 400	99.5 99.5	99.7	100.0	100.0	100.0 100.0	100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0 100.0	100.0 100.0
± 300 ≥ 200	99.5 99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
= "	99.5 99.5		100.0													

TOTAL NUMBER OF OBSERVATIONS.

USAF ETAC 1/164 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

24101

HILL AFB/UGDEN UTAH

07-70,73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CHUNG					***************************************		VIS	BILITY STA	ATUTE MILE	£\$						
FEET	≥10	≥ 6	≥ 5	24	≥ 3	≥2 %	≥ 2	≥i,	≥1.	ا≨	≥ 34	≥ .	≥ ′	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	74.8 80.7		74.9 80.8	80.9	80.5	80.9	75.0 80.9	80.9	80.9	80.9	80.9	75.0 80.9		80.9	80.9	80.9
≥ 18000 ≥ 16000	81.2 82.1	82.2	81.3 82.2	82.3	82.3		81.4 82.3	82.3	81.4	82.3	82.3		82.3	81.4 82.3	81.4 82.3	82.3
≥ 14000 ≥ 12006	85.1 88.3	88.5			88.6	88.6	85 <b>.3</b> 88 <b>.6</b>	88.6		88.6	88.6			88.6	85.3 88.6	
≥ 10000 ≥ 9000	91.4 92.1	92.2	91.5 92.3	92.4	92.4	91.6 92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	91.6 92.4	92.4
± 8000 ≥ 7000	94.1	94.7		95,1	95.1	95.1	94.5 95.1	95.1	95.1	95.1	95.1	94.5 95.1	94.5 95.1	94.5 95.1	94.5 95.1	94.5
≥ 6000 ≥ 5000	97.4 98.7	98.9	99.1	99.6		98 • 1 99 • 6				99.6	99.6	99.6			99.6	99.6
≥ 150° ≥ 4000	98.7 98.9		99.4		99.8	99.8	99.8	99.8	99.8	99.8	99.6 99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500 ≥ 3000	99.0 99.1	99.4		100.0		100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0
2500 2000	99.1 99.1	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0
_ 1800 ≥ 1500	99.1 99.1	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1260 ≥ 1000	99.1	99.4 99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800 ≥ 800	99.1 99.1 99.1	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0 100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600 ± 500	99.1	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0
≥ 400 30t	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 200 2 0U	99.1	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
- 0	99.1	99.4									100.0					

TOTAL NUMBER OF OBSERVATIONS 92

USAF FTAC 10-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDEN UTAH

67-70,73-78

<u>Ayc</u>

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEIUNG							VIS	IBILITY ST.	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	£2.	≥ 2	צ'ו וֹ≤	≥1 4	≥1	≥ '4	≥>,	≥ 7	≥5 16	≥ '•	≥0
NO LEILING ≥ 20000	76.1 78.2	76.1 78.2		78.2	78.2	76.1 78.2			78.2	78.2	78.2	78.2	78.2	78.2	76.1 78.2	78.2
≥ 1800∪ ≥ 16000	78.5 78.9	78.5 78.9	78.9	78.9	78.5 78.9	78.5 78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.5 78.9	78.9
≥ 14000 ≥ 12000	82.3 87.3	82.3 87.3		87.3	87.3	82.3 87.3	87.3	87.3		87.3	87.3	87.3	87.3	87.3		87.3
≥ 9000	91.8	91.8 92.8	92.8	92.8	92.8	91.8 92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 8000 ≥ 7000	95.1 95.7	95.5 96.0	96.0	96.0	96.0	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 6000 ≤ 5000	97.6	98.0 99.5	99.5	99.5	99.5	98.0 99.5	99.5	98.0 99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4500 ≥ 4600	99.0	99.5	99.7	99.7	99.7	99.5 99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.5	99.7
≥ 3500 - 3900	99.2 99.4	99.7	99.8		99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		99.9
≥ 2590 ≥ 2000	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9 99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800 ≥ 1560	99.4 99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9		99.9	99.9	99.9	99.9	99.9
≥ 120€	99.4	99.8 99.8	99.8	99.8	99.9 99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	99.4 99.4	99.8 99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	99.4 99.4	99.8	99.8	99.8	99.9 99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.4 99.4		99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 00	99.4 99.4		- !		99.9									100.0		

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101.64 0-14-5 (OL A) MEVIOUS ECITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

24101 HILL ASB/UGDEN UTAH

67-70,73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							vis	IBILITY ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥2 7	≥ 2	≥i·	≥1.	≥1	≥ '•	≥'•	≱ -	≥5 16	≥.	≥0
NO CEILING	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 20000	82.0	82.0	82.0	82.1	82.1	82.1		82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 18000	82.4	82.4			11	82.5				82.5	\$2.5		82.5		82.5	
≥ 16000	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9		82.5	82.3	82.9		82.9	
≥ 14000	85.4	85.5				85.5			85.5				85.5	85.5	85.5	
≥ 12000	89.5	89.5														-T-
≥ 10000	93.3				(	93.4	93.4	93.4	93.4		1	93.4	93.4		93.4	
≥ 9000	94.1	94.1					94.2	94.2	94.2			94.2				94.2
≥ 8000	95.9				,,				96.0						96.0	
≥ 7000	96.4	96.6												96.7		
≥ 6000	98.0		98 • 2		, (				98.3			98.3				
≥ 5000	99.0					99.4		99.4								
≥ 4500	99.1				,		99.5		99.5		,					
≥ 4000	99.2						99.7	99.7	99.7			99.7				
≥ 3500	99.3	99.6			,	99.7	99.7	99.7	99.7			99.7	99.7	99.7	99.7	
≥ 3000	99.4	99.6	99.7			99.8	99.9		99.9		99.9					
≥ 2500	99.4	99.6				99.9			99.9		1	99.9				
≥ 2000	99.4	99.7									99.9					
≥ 1800	99.4		99.8		99.9									1		
≥ 1500	99.4			99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9				99.9	
≥ 1200	99.4		99.8		99.9											
≥ 1000	99.4				100.0											
≥ 900	99.4	_			100.0											
≥ 800	99.4				100.0											
≥ 700	99.4		, , , , ,		100.0											
≥ 600	99.4		-	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.4				100.0											
≥ 400	99.4			99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.4	7			100.0											
≥ 200	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ا ا ج	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.4	99.7	99.8		100.0											

USAF ETAC 101 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSORTE

## CEILING VERSUS VISIBILITY

24101 HILL AFB/OGDEN UTAH

06-70,73-77

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VIŞI	BILITY STA	ATUTE MILI	\$						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 2	≥2	≥i	≥1.	≥1	≥ 34	≥ >/4	≥ ₁	≥5 16	≥.	≥0
NO CEILING ≥ 20000	79.7 81.4	79.7 81.4	79.7 81.4	79.7 81.4		79.7 81.4		81.4	81.4	81.4	81.4	79.7 81.4	79.7 81.4	81.4	79.7 81.4	81.4
≥ 18000	82.1 82.6	82.6	82.1		82.6	82.1 82.6							82.1 82.6		;	82 • 1 82 • 6
≥ 14000 ≥ 12000	83.6	83.6 87.1	83.6 87.1	83.6 87.1	83.6	83.6 87.1	83.6 87.1	83.6	87.2	87.2	87.2	87.2	83.6		87.2	83.6
≥ 10000	91.2 92.1	91.2	92.1	91.2	91.2	91.2	92.1	91.3		92.2	92.2	92.2	91.3		91.3	92.2
≥ 8000 ≥ 7000	93.9 95.2 96.4	94.0 95.3 96.6	94.0 95.3 96.6	94.0 95.3 96.6		94.0 95.3 96.6				94 • 1 95 • 4 96 • 7				94 • 1 95 • 4 96 • 7	94.1 95.4 96.7	94.1
≥ 5000 ≥ 5000 ≥ 4566	97.2 97.6	97.8	97.8	97.3	(	97.3	96.6 97.3 97.8		96.7 97.4 97.9	97.4		97.4	96.7 97.4 97.9	97.4		96.7 97.4 97.9
2 4000 2 3500	98.1	98.5	98.3	98.3	98.3	98.3	98.3	98.4	98.4		98.4	98.4	98.4 98.7		98.4 98.7	98.4
≥ 3000 ≥ 2500	98.3 98.4	98.6	98.6	98.6		98.6	98.6		98.7 98.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	98.7 98.8	98.9	98.9		99.0	99.0 99.1			99.1	99.1	99.1	99.1	99.1	99.1	99.1 99.2	99.1
≥ 1500	98.9 98.9	99.1	99.1	99.2		99.2 99.2	99.2		99.3		99.3	99.3	99.3		99.3	99.3
≥ 900	98.9	99.1	99.2		99,3	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700 ≥ 600	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.4 99.7	99.4	99.7	1	99.7
≥ 500 ≥ 400	99.0 99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300 ≥ 200	99.0 99.0		99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9		99.9
iu	99.0 99.0	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 90

USAF ETAC 1784 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDEN UTAH

66-70,73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							vis	IBILITY STA	TUTE MILE	5						
etet	≥10	≥6	≥ 5	≥ 4	≥ 3	≥?,	≥ ∤	≥ì,	≥1.	Ż i	≥ '₄	≥ .	≥	≥5 16	١.	≥0
NO CEILING	78.9 81.1	78.9 81.1				78.9 81.1	78.9 81.1	78.9 81.1	78.9 81.1	78.9 81.1		78.9 81.1		78.9 81.1		* !
≥ 18000 ≥ 16000	82.0 82.2	82.0 82.2				82.0 82.2	82.0 82.2		82.0 82.2						82.0 82.2	82.0 82.2
≥ 14000 ≥ 120x0	82.9 86.2	82.9 86.2				82.9 86.2	86.2		82.9 86.2	82.9 86.2		82.9 86.2				82.9 86.2
≥ 10000 ≥ 9000	90.3 90.9	90.3			1	90.3 90.9	90.3		1	90.9	90.9			90·3 90·9	90.3 90.9	90.3
≥ 8000 ≥ 7000	93.3 94.3	93.7 94.7	94.7	94.7	94.7	93.7 94.7	93.7 94.7	94.7	93.7	94.7	94.7	94.7	94.7	94.7	94.7	
≥ 6000 ≥ 5000	96.7 97.3	97.0 97.7	97.7	97.7	97.7	97.0 97.7	97.7	27.7	97•0 97•7	97.7	97.0 97.7	97.7			97,7	97.7
≥ 4500 ≥ 4000	97.7 98.1	98.0 98.4	98.4	98.4	98.4			98.4	98.4	98.4	98•0 98•4	98.4	98.4	98.4	98.4	98.4
≥ 3500	98.2 98.2	98.6	98.6	98.6	98.6		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6		
≥ 2500 ≥ 2000	98.4 98.8	98 • 8 99 • 1	99.1	99.1	99.1	98.8	99.1	99.1	98 • 8 99 • 1	99.1	99.1	99.1	99.1			99.1
≥ 1800 ≥ 1500	98.8 99.1	99.1 99.6		99.6	99.6		99.6	99.1		99.6	99.6			99.6		99.6
≥ 1200 ≥ 1000	99.2 99.2	99.9	99.9	99.9	99.9	99.9	99.8	99.9	99.9	99.9		99.9	99.9	99.9	99.9	99.9
> 900 ≥ 800	99.2	99.9	99.9	99.9	99.9	99.9	99.9		99.9	99.9		99.9	99.9	99.9		99.9
≥ 700 ≥ 600	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 500 ≥ 400	99.2	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		99.9
2 300	99.3	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 100	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 15 NO 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

INSTRUMET A

#### CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDFN UTAH

66-70,73-77

0600-0800

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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TEMPOS !							٧iS،	B'L'TY STA	TUTE MILE	5						
FEET	≥10	> 0	≥5	≥ 4	≥ 3	≥2.	≥ 2	217	ه ا ته	≥1	≥ ′₄	≥ ′,	2	≥5 16	≥ .	≥0
NO CEILING	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 20000	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
± 1800/	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
2.69%	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
- 14000	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
£ 12000	83.9	84.d	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.9
650	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	37.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
· < 9000	89.1	89 2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 8000.	91.7	91.4	91.8	91.8	91.8	91.8	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
2 7000	92.4	92.6	92.0	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	42.6	92.6
, ≥ 6'XX	95.3	95.4	95.4	95.4	95.4	95.4	25.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
2 5960	96.d	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	26.6	96.6	96.6	96.6	96.6	26.6
> 4500	96.4	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3000	96.8	97.6	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3500	97.2	98.0	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
2 3000	97.2	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2500	97.6	98.6	98.6	98.6	98.7	95.8	93.8	96.9	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	97.8	98.8	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
₫ 1800	97.8	98.9	98.9	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	98.0	99.1	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
204	98.0	99.1	99.1	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
2 1000	98.0	99.2	99.2													99.9
≥ 900	98.0	99.2	99.2	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99,9	99.9
≥ 800	98.0	99.2	99.2	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 700	98.0	99.2														99.9
≥ 600	98.0	99.2	99.2	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≟ 500	98.1	99.3	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 -100	98.1															100.0
2 301	98.1															100.0
3 700	98.1															100.0
رازا -	98.1															100.0
1 2 9	98.1	99.3	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	·															

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TOTAL NUMBER OF OBSERVATIONS 90

## CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDEN UTAH

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C

66-70,73-77

MONTH.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0200-1100

CEILING							VIS	IBILITY STA	JUTE MILE	5						
FEET	≥10	≥6	≥5	≥4	≥ 3	≥2.	27	≥1	≥1.	ر ج	٤ ،	٠ ٤	≥ ~	≥5 16	≥ .	≥0
NO CEUNG 2 20000		83.7	83.7	81.7	83.7	83.7	81.7	81.7 83.7	83.7	83.7	P3.7	83.7	83.7	83.7	83.7	83.7
≥ 18000   ≥ 16000	83.7 83.8			83.9 84.0		83.9	- 1		83.9 84.0	84.0	84.0	83.9 <u>114.0</u>	i I			
≥ 14000 ≥ 12000	87.2			87.4	87.4	87.4		85 • 4: 87 • 4	87.4	87.4	87.4	27.4	87.4	87.4	87,4	87.4
≥ 10000 ≥ 9000	89.6 90.2	90.4		90.4	90.4	90.4		89.8 90.4	90.4	90.4	90.4	90.4	90.4		90.4	89.8 90.4
≥ 8000 > 7000	92.2 92.9			92.6 93.2		93.2	23.2	92.6 93.2	93.2	93.2		93.2	93.2	93.2	93.2	
≥ 6000 ≥ 5000	94.4 95.7			96,6	96.6		96.6	94.8 96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
≥ 4500 ≥ 4000	96.3	97.0	98.2	98.3	98.3	98.3		98.3		98.4	98.4	98.4	98.4	98.4	98.4	98.4
2 3500 2 3000	97.1 97.4	98.0 98.3				98.7	98.7		98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500 ≥ 2000	97.4 97.7	98.7	98.9		99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	98.9	99.1		99.1
2 1800 2 1500	97.7 97.7	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.6		99.6	99.6	99.6	99.6	99.6	<del>,</del>
≥ 1200 ≥ 1000	97.7 97.8	98.8	99.3	99.6	99.7	99.7	99.8		99.9	99.9	99.9	99.9	99.9	99.9	99.9	59.9
. 900 ≥ 800	97.8 97.8	98.8	99.3	99.7	99.8	99.8	94.9	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0
≥ 700 ≥ 600	97.8 97.8	98.8	99.3	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0
: 500 2 400	97.8 97.8	98.8	99.3	99.7	99.8	99.8	99.9	39.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 300	97.8	98.8	99.3	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ا ارس م	97.8		99.3													100.0

TOTAL NUMBER OF CASERVATIONS

900

USAS STAC ...... 0-14-5 (OL A) mesumus southous of this from ass necessar

## CEILING VERSUS VISIBILITY

24101 HILL AFE

HILL AFB/UGDEN UTAH 66-70,73-77

<u>ŞEP</u>

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							V:S!	BILITY STA	JUTE MILI	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥?.	≥ 2	≥i ,	21.	21	≥ 14	≥ ,	≥ ;	≥ 5 16	≥.	≥0
NO CEILING	80.8 83.9	80.9 84.0	80.9 84.0	80.9 84.0	80.9 84.0	80.9 84.0	80.9 84.0	80.9 84.0	80.9 84.0	84.0	84.0	80.9 84.0	84.0	84.0	84.0	84.0
≥ 18000 ≥ 16000	84.2 84.7	84.3 84.8	84.3 84.8	84.3 84.8	84.8	84.3 84.8	84.3 84.8	84.3 84.8	84.3	84.8	84.8	84.8		84.8	84.8	84.8
> 14000 > 12000	85.9 88.6	86.0 88.7	86.0 88.7		86.0	86.0 88.7	86•0 მხ•7	86.0 88.7	86.0 88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 10000 ≥ 9000	91.8 92.0	91.9 92.1	91.9 92.1	91.9 92.1	92.1	91.9	91.9 92.1	92.1	91.9 92.1	92.1	92.1	92.1	92.1	91.9 92.1	92.1	92.1
≥ 8000 ≥ 7000	93.4 94.0	93.6	93.6	94.1	94.1	93.6 94.1	93.6 94.1	94.1	93.6 94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 6000 ≥ 5000	95.3 97.3	95.6 97.6	95.6 97.6	95.6 97.6	97.6	95.6 97.6	95.6 97.6			97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 4500 ± 4000	97.8 98.3	98.0 98.6	98.0 98.6	98.0 98.6		98.6	98.6		98.0 98.6	98.6	98.6	98.6	98.6	98.6	98.4	98.6
≥ 3500 ± 3000	98.7 98.9	98.9 99.1	98.9	98.9 99.1	99.1	98.9 99.1	98.9 99.1	99.1	98.9 99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2500 ≥ 2000	98.9 99.0	99.3	99.3 99.4		99.4	99.3		99.4		99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800 ≥ 1500	99.0			99.6	99.6	99.4 99.6		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200 ≥ 1000	99.0		99.7 99.9		99.9	99.7 99.9		99.9	99.9	99.9	99.9		99.9	99.9	99.9	99.9
≥ 900 ≥ 800	99.0 99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700 ≥ 600	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500 ≥ 400	99.0	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 - 200	99.0	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 100	99.0			99.9		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100-0

TOTAL NUMBER OF OBSERVATIONS.

90

USAF ETAC 1100 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE CASCILETE

## CEILING VERSUS VISIBILITY

24101

HILL AFB/UGDEN UTAH

66-70,73-77

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEIUNG							VIS	IBILITY STA	ATUTE MIL	E S						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2.	≥ 2	ا`≤	≥١,	≥'	≥ '₄	≥'•	≥ 7	≥5 16	≥ .	≥0
NO CEILING	80.7 83.8			80.9 84.0	- 1	80.9 84.0	,		80.9 84.0					80.9 84.0	80.9 84.0	!
≥ 16000 ≥ 16000	84.3 84.7					84.6 84.9	-,;		84.6 84.9	84.6 84.9				34.6 84.9	84.6	34.6 84.9
≥ 14000 ≥ 12000	85.2 87.4				87.7	85.4 87.7		85.4 87.7	85.4 87.7	85.4		85.4 87.7	85.4 87.7	85.4 87.7	85.4	85.4 87.7
≥ 10000	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0		92.0	92.0			91.6	:
≥ 8000	92.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	92.8 94.1	94.1	94.1	94.1	94.1	94.1	92.8 94.1	92.8 94.1
- 200V,	95.9 98.1	98.3	98.3	98.3	98.3		98.3	98.3	96 • 1 98 • 3	98,3					96.1 98.3	
≥ 4500 ≥ 4000	98.1 98.6	98.9	98.9	98.9	98.9	98.4 98.9	98,9	98.9	98.4 98.9	98.9		98.9	98.9			98.9
≥ 3000	98.7 98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2500 ≥ 2000 ≥ 1800	98.8 99.1 99.1	99.6	99.6		99.6	99.2		99.6	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800 ≥ 1500 ≥ 1200	99.1 99.1	99.6	99.6	99.6 99.6 99.6	99.6		99.7	99.7		99.7	99.7	99.7	39.7	99.7	99.7	99.6
≥ 1000	99.1	99.6	99.6	99.6	99.6	99.7	99.8	99.8 99.8 99.9		99.8		99.8	99.8	99.3	99.8	99.8
≥ 800	99.2	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	99.9 160.0 100.0	100.0	100.0	100.0	100.0	99.9
≥ 600	99.2	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0	100.0
≥ 400 ≥ 300	99.2	99.7	99.7	99.7	99.7	99.8	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 200	99.2			99.7 99.7	99.7	94.8	100.0	100.0	100 · C	100.0	100.0	100.0	100.0	100.0	100.0	100.0
÷ 0	99,2			99.7			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 90

USAF ETAC #164 0-14-5 (OL A) recyclis editions of this form are obsolete

## CEILING VERSUS VISIBILITY

24101

HILL AFB/UGDEN UTAH

66-70,73-77

SED

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CELLING							VI5	iBitit ST.	ATUTE MILI	E 5						
1 1494	≥10	≥ه	≥ 5	≥ 4	≥3	≥2.	<u> </u>	≥'.	≥1'4	≥1	≥ •	≥`•	≥ -	≥ 5 16	≥ '4	≥.0
NO (111NG ≥ 20000	78.7 81.3									78.7 81.3					78.7 81.3	78.7 81.3
≥ 18000 ≥ 18000	81.7 82.4		82.4		82.4	82.4	82.4	82.4	82.4	81.7 82.4	82.4	82.4	82.4		81.7 82.4	T - 1
≥ 14000 ≥ 12000 1 = 4	83.9	86.8	86.8	86.8	83.9	86.8	84.8	86.8	86.8	83.9 86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1/000	90.7	91.9	91.9	91.9		91.9	91.9	91.9	91.9		91.9	91.9	91.9	91.9	91.9	
2 8000 2 7000	94.2 95.4 97.2	95.6	95.6	95.6	94.3 95.6 97.3	95.6	95.6	95.6	95.6	94.3 95.6 97.3	95.6	95.6	95.6	95.6	95.6	95.6
≥ 5000 ≥ 5000 ≥ 4500	98.3 90.4	98.4	98.4	98.4		98.4	98.4	98.4	98.4	98.4 98.8	98.4	98.4	98.4	98.4	98.4	98.4
2 400C	98.6 98.7	98.7	98.8	98.9		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
± 1/00 ± 2500	98.7 98.8		98.9	99.0	99.0	99.0 99.1	99.0	99.0 99.1	99.0	99.0		99.0	99.0		99.0	99.0
≥ 2000	99.0 99.1	99.3			99.6	99.6 99.7					99.7	99.7	99.7			99.6
= 1500	99.1 99.2	99.4	99.0	99.7	99.7	99.7	99.8		99.8	99.8	99.8		99.8	99.8		
2 1000 > 900 2 800	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8		99.2	99.8	99.8	99.8	99.8	99.8
≥ 760 ≥ 600	99.2 99.2 99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8 99.8 99.8	99.8	99.8	99.8 99.8	99.8	99.8	99.8 99.8
> 500 > 400	99.2	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
± 30f ± 200	99.2	99.4	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0
2 0	99.2 99.2		99.6 99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 90

ISAF ETAC ..... 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLETE

## CEILING VERSUS VISIBILITY

24101 HILL AFB/UCDEN UTAH

66-70,73-77

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

COUNG							VI\$	IBILITY STA	ATUTE MILE	£S.				<i></i>		
FEET	5,C	≥6	≥ 5	≥ 4	23	22,	4.2	≥i	≥1.4	۱≤	≥ '₄	≥'₄	≥	≥> 16	≥ .	≥0
NO ( EILING ) ≥ 20000	79.9 81.4		79.9 81.4			1	1	79.9 81.4	:	79.9 81.4		79.9 81.4		79.9 81.4	79.9 81.4	
≥ 18000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6			-	81.6		
≥ 14000 ≥ 12000	83.7	83.7	83.7	83.7	83.7		83.7	83.7		83.7	83.7		83.7	83.7	83.7	83.7
2 10000 ≥	90.3	90.3	90.3	90.3		90.3	90.3	90.3	90.3	90.3	90.3		90.3			90.3
≥ 8000 > 7000	93.6		93.6	93.5	93.7		93.7		93.7		93.7	93.7 95.1	93.7	93.7		93.7
≥ 6000 ≥ 500°	96.1		96.2	96.2	96.3	96.3	96.3		96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 4500 ≥ 4000	98.3		98.9	98,9	99.0	99.0	99.0		99.0	99.0	99.0	99.0	99.0	99.0	99.0	
≥ 3500 ≥ 3000	98.9	99.6	99.6	99.6		99.7	99.7		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
_ 2500 ≥ 2000	98.9	99.6	99.0	99.6		99.7	99.7		99.7	99.7	99.7 99.7	99.7	99.7	99.7	99,7	
≥ 1800	98.9	99.6	99.6	99.5	99.7	99.7	99.7		99.7	99.7	99.7	99.7	99.7	99.7	99.7	
≥ 1200 ≥ 1000	99.0		99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900 ≥ 800	99.0	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700 ≥ 600	99.0	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
.≤ 500 ≥ 400	99.0			99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
⊇ 300 ≥ 200	99.0							100.0 100.0								
≥ 100 ≥ 0	99.0 99.0	99.8	99.8	99.8	99.9	99.9	100.0	100.0 100.0	100.0	100.0	100.0	100.C	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC - 0-14-5 (OL A) previous foilibus of this form are obsolete

## CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDFN UTAH

66-70,73-77

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

A Maria Maria Carlo Carl

CEILING							VIS	IBILITY STA	ATUTE MILE	E\$						
FFET	≥10	≥6	≥ 5	≥4	≥3	≥2;	≥ 2	≥i -	≥1.	≥1	≥ '₄	≥'•	≥ '^	≥ 5 16	≥.	≥0
NO CEILING	79.7	79.8	79.8	79.8	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 20000	82.d	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 18000	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 16000	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9		
≥ 14000	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 12000	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86,8	86.8
≥ 10000	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 9100	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3			91.3	91.3	91.3	91.3	91.3
≥ 8000	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3		
≥ 7000	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3		94.3	94,3	94.3
≥ 6000	95.9	96.1	96.1	96.1	96 • 1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96 • 2		
≥ 5000	97.2	97.5	97.5	97.5		97.5			97.6		97.6	97.6				
≥ 4500	97.6	98.0	98.0	98.0	98 • 1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
≥ 4000	98.1	98.5	98.5	98.6	98.6	98.6	98.6			98.6		98.6	98.6			
≥ 3500	98.2	98.7	98.7	98.7	98 • 8	98.8	98.8	98.8				98.8				
2 3000	98.3	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
<u>2 2500</u>	98.4	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	98.6	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	98.6	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	98.7	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	98.8	99.4	99.5	99.5	99.6	99.7		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
e 1000	98.8	99.5	99.5	99.6	99.7	99.7		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	98.8	99.5	99.6	99.6	99.7	99.8		99.8	99.8	99.8	99.8			99.8	99.8	99 · B
≥ 800	98.8	99.5	99.6	99.7	99.7	99.8	99.8	99.8					99.8	99.8	99.8	99.8
≥ 700	98.8	99.5	99.0	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.8	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
507 ج	98.8	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.8	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	98.8	99.6	99.6	99.7	99.8									100.0	100.0	100.0
± 200	98.8	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
001 د	98.8	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.8				99.8											

· Stanfalling

USAF ETAC 12164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

THE REAL PROPERTY OF THE PROPE

24101

To a like to the

HILL AFB/OGDEN UTAH

66-70,73-77

UCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CERING							VIS	BILITY STA	TUTE MILE	\$						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 :	≥ 2	≥1,	≥1 4	≥1	≥ '4	≥,•	2	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	75.1 76.3	75.2 76.5		75.2 76.5	75.2 76.5	75.2 76.5		75•2 76•5	75.2 76.5	76,5				75.2 76.5		75.2 76.5
≥ 18000 ≥ 16000	76.8 77.4			77.5	77.5	76.9 77.5		77.5	76.9 77.5		77.5	77.5	77.5	77.5	77.5	76.9 77.5
≥ 14000 ≥ 12000	78.6 81.6	81.7	78.7	78.7	81.7	78.7		81.7	78.7 81.7		81.7	81.7	81.7	78.7 81.7	78.7 81.7	78.7
≥ 9000	84.8 85.8				85.9		84.9	85.9		85.9	85.9	85.9	85.9		85.9	85.9
≥ 8000 ≥ 7000 ≥ 6000	87.6 89.4 91.5	89.5	89.5		89.5	89.5	89.5		87.7 89.5	89.5	89.5	89.5	89.5	89.5		89.5
≥ 5000° ≥ 5000° ≥ 4500	94.1	94.4	91.6 94.4 94.5	94.4	94.4		94.4	94.4			94.4	91.6 94.4 94.5		94.4	94.4	91.6 94.4 94.5
≥ 4000 ≥ 3500		95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6		95.6			95.6	95.6	,
≥ 3000	96.5 97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1 97.6	97.1	97.1	97.1		97.1	97.1	97.1	97.1
≥ 2000	97.2 97.2	97.7	97.8	97,8	98.0	98.0		98.0	98.0		98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	97.3	98.1	98•7 98•7	98.7	98.8	98.8		98.8	98.8		98.8	98.8	98.8	98.8	98.8	
≥ 1000	97.3	98.1	98•7 98•7		98 • 8	98.9	98.9	98.9 98.9	98.9	98.9	98.9 98.9	98.9 98.9	98.9	98.9	98.9	98.9
≥ 800 ≥ 700 ≥ 600	97.4	98.2	99.0	99.1	99.2	99.5		99.5	99.5		99.5	99.2	99.5	99.5		99.5
≥ 500 ≥ 400	97.4	98.2	99.0	99.1	99.2 99.2	99.5		99.5	99.5	99.6		99.6	99.6	99.6	99.6	99.6
≥ 300	97.4 97.4 97.4	98.2	99.0	99.1	99.2	99.5	99.5	99.5 99.5 99.6	99.5	99.7	99.7	99.7 99.7	99.8	99.8		99.7
≥ '00 ≥ 0	97.4 97.4	98.2	99.0		99.2	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0

11、1985年1885年

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC  $\frac{7000}{2000}$  0-14-5 (OL A) previous editions of this form are desolete

#### CEILING VERSUS VISIBILITY

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24101 HILL AFB/USDEN UTAH

06-70,73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VIS	BILITY STA	TUTE MILE	5						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥7:	≥2	≥1,	≥1.	≥ }	≥ '₄	≥`•	<u> </u>	≥5 16	٤.	≥0
NO CEITING ≥ 20000	74.6 76.0	74.6 76.0		74.6 76.0		74.6		74.6 76.0	74.6			74.6 76.0	74.6 76.0		74.6 76.0	74.6
≥ 18000 ≥ 16000	76.2 76.6	76.2 76.6			76.2 76.6	76.2 76.6	76.2 76.6		76.6	76.2 76.6	76.2 76.6	76.2 76.6	76.2 76.6	76.2 76.6	76.2 76.6	
≥ 14000 ; ≥ 12006	77.5 80.1	77.5 80.1		77.5 80.1	77.5 80.1	77.5 80.1	77.5	77.5 80.1	77.5 80.1	77.5 80.1	77.5 80.1	77.5 80.1	77.5 80.1	77.5 80.1	77.5 80,1	77.5 80.1
≥ 10000 ≥ 9000	83.9 84.9	83.9 84.9	83.9	83.9 84.9	83.9	83.9	83.9	- 1	83.9	83.9 84.9	- )	83.9 84.9	83.9 84.9	83.9 84.9	83.9 84,9	83.9
≥ 8600 ≥ 7000	97.1 83.3	87.1 88.3	87.1 88.3	87.1 88.3	88.3	87.1 88.3			87.1 88.3	88.3	88.3	87.1 88.3	87.1 88.3	88.3	87.1 88.3	88.3
≥ 6000 ≥ 5000	90.5 93.0	90.6	90.6 93.1	93.1	90.6	90.6	93.1	93.1	90.6 93.1	90.6 93.1	93.1	90.6 93.1	90.6	93.1	93.1	
≥ 4500 ≥ 4000	94.3	94.8	94.8	94.8	94.4	94.4	94.8	94.8		94.4	94.8		94.4	94.8	94.8	
≥ 3500 ≥ 3000	95.2 96.0	95.3 96.3		96.5	96.5	95.3 96.5		96.5		95.3 96.5	96.5	96.5	95.3	96.5	96,5	
≥ 2500 ≥ 2000	96.8 97.1	97.5		97.6	97.6	97.2 97.6	97.6	97.6	97.6	97.6	97.6			97.6	97.6	97.6
00c' ≥	97.4	97.8 98.1	98.3	98.3	98.3	98.0		98.3	98.3	98.3	98.3	98.3	98.0 98.3	98.3	98.3	98.3
≥ 1200	97.5 97.5	98.4	98.7	98.7	98.7	98.6		98.8		98.8	98.8	98.8		98.9	98.9	98.9
± 90¢ ≥ 80¢	97.5 97.5	98.4	96.7	98.7	98.7	98.7		98.8	98.8	98.8	98.8	98.8	98 • 8 98 • 8	98.9	98.9	98.9
≥ 700 ≥ 600	97.5 97.5	98.4	98.9	98.9	98.9	98.9 98.9		99.1	99.0 99.1	99.1	99.1	99.0 99.1 99.6	99.0 99.1 99.6	99.2	99.2	99.2
≥ 500 ≥ 400 ≥ 300	97.6 97.6		99.2	99.5	99.5	99.5	99.6 99.7	99.6 99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	
= 200	97.6 97.6	98.6	99.2	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8		99.8		99.9	100.0 100.0
2 0	97.6				99.5		99.7				99.8					100.0

TOTAL NUMBER OF OBSERVATIONS...

USAF ETAC 1104 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOILEE

#### CEILING VERSUS VISIBILITY

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24101

HILL AFB/OGDEN UTAH

06-70,73-77

<u>uc r</u>

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEHING		·····					VIS	IBILITY STA	ATUTE MILI	:5						
FEET	≥10	≥6	≥5	≥4	≥3	≥2	≥ ?	≥i	≥1.	≥1	≥ 14	>,•	≥ ;	≥5 16	≥ .	≥0
NO CEILING			71.3 72.8		72.8	72.8	72.8	72.8	72.8	72.8	72.8	71.3 72.8			71.3 72.8	
≥ 18000	72.9 73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	72.9	72.9	72.9 73.9	72.9 73.9			72.9 73.9	
≥ 14000 ≥ 12000	74.9 77.5	77.6	77.6	77.6	77.6	77.6		77.6		77.6	77.6	75.1 77.6				
≥ 10000	80.2 81.9	82.0	82.0		82.0		82.0	82.0	80.3	82.0	82.0		82.0	82.0	82.0	
≥ 8000 ≥ 70°°0	84.8		86.6		86.6	84.9	86.6	86.6		86.6	86.6	86.5	86.6	86.6	86.6	86.6
≥ 6000 ≥ 5000	89.0 91.3	91.5	91.6		91.6	91.6		91.6		91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4500 ≥ 4000	92.5	94.4	94.6		94.6	94.6	94.6	94.6	94.6	94.6	94.6		94.6	94.6	94.6	94.6
≥ 3500 ≥ 3000 ≥ 2500	94.9 96.0 96.5	96.3	96.6		95 • 4 96 • 6 97 • 0	96.6	96.6	96.6		96.7	96.7		96.7	96.7	96,8	96.8
≥ 2000	96.9	,	97.5		97.5	97.5	97.5	97.5	97.5		97.6		97.6		97.2 97.7 97.7	97.7
2 1500	97.1 97.2	97.5	97.7	98.0	98.1	93.1	98.2 98.4	98.2	98.2		98.4	98.4	98.4	98.4	98.5	98.5
≤ 100G ≥ 900	97.2	97.8	98.3	98.6	98.7	98.7	98.9	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.4	99.4
≥ 800 ≥ 700	97.2	97.8	98.3	98.6	98.7	98.7	98.9	98.9	98.9 98.9	99.1	99.2	99.2	99.4	99.4	99.5	99.5
2 600	97.2	97.8	98.3	98.6	98.7	98.7	98.9	98.9	98.9	99.1	99.2	99.2	99.4	99.4	99.5	99.5
± 300		97.8	08.3	98.7	99.0	99.1	99.4	99.4	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0
200			98.3	98.7	99.0	99.1	99.4	99.4	99.4	99.7	99.8	99.3	99.9	99.9	100.0	100.0
2 0	97.2		98.3													

TOTAL NUMBER OF OBSERVATIONS 93

USAF ETAC 10104 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

#### CEILING VERSUS VISIBILITY

24101

TOTAL PROPERTY OF

HILL AFB/DEDEN UTAH

66-70,73-77

UCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CFIUNG				*************			VIŞI	BILITY STA	LIUTE MILE	5						
FEET	≥10	≥ه	≥ 5	ı ≤	≥ 3	22:	≥ 2	≥i	≥1.	21	٤١٠	≥ .	≥ 、	≥5 16	>.	≥0
NO CEIUNG ≥ 20000	70.1 72.8	76.4 73.1	70.4 73.1	70.4 73.1	70.4 73.1	70.4 73.1	70.4 73.1	70.4 73.1	70.4 73.1	70.4 73.1	70.4 73.1	70.4 73.1	70.4 73.1	70.4 73.1	70.4 73.1	70•4 73•1
≥ 18000 ≥ 16000	73.3 73.8	73.7	73.7 74.1	73.7 74.1	73.7 74.1	73.7 74.1	73.7 74.1	73.7	73.7 74.1	74.1	74.2	73.7 74.1	73.7 74.1	74.1	73.7 74.1	74.1
≥ 14000	75.1	75.4	77.7	77.7	77.7	75.4	77.7	77.7	75.4	77.7	77.7	75.4	77.7	77.7	75.4	77.7
2 9000 2 9000 2 9000	80.4 82.2 84.8	80.8 82.5 85.2		82,5		89.8 82.5 85.2	82.5	82.5	82.5	80.8	82.5	80.8 82.5	82.5	82.5		82.5
2 8000 2 7000 2 6000	85.5 88.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8 85.8		85.8	85.8	85 • 2 85 • 8 88 • 5	85.8	85.8	85.8	85.8
≥ 5000	90.8	91.6	91.2	91.2	91.2	91.3 91.7	91.4		91.4	91.4	91.4		91,4	91.4	91.4	91.4
2 4000	92.9		93.7	93.7	93.7	93.8	93.9	93.2	93.2 93.9	93.9	93.2	93.2 93.9	93.9	93.2 93.9	"	93.2 93.9
2 3000 2 2500 2 7000	93.5	95.3	95.6		95.7	95.9		96.1	96.1		96.1	95.2 96.1	95.2	96.1	96.1	
. 1800 ≥ 1500	94.5 94.6 94.9	95.8	96.1	96.2	96.3	96.2 96.6 97.3	95.8	96.6 96.9 97.6	96.9	96.9	1	96.9	9619	96.9	96.9	96.6 96.9 97.6
≥ 1000 ≥ 1000	95.1 95.2	96.3	97.0	97.1	97.3		97.7		97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
2 800	95.2 95.2	96.6	97.4	97.6 97.7	97.8 98.0	98.1	98.3	98.4	98.4 98.5	98.4 98.5	98.5 98.6	98.5 98.6	98.5	98.5	98.5	98.5
≥ 700 ≥ 600	95.3 95.3	96.7 96.7	97.6	98.0			98.8	98.9		99.0	99.1	99.1	99.1	99.1	99.2	99.2
± 50H ± 400	95.3 95.3 95.3	96.8 96.9	97.8	98.1 98.2 98.2	98.6		99.1	99.4	99.2 99.6 99.6	99.6	99.7	99.4 99.7		99.8	99.5 100.0 100.0	100.0
≥ 301 ≥ 200	95.3	96.9	97.8	98.2	98.6	98.9	99.1		99.6	99.6	49.7	99.7	99.8	99.8	190.0	100.0
	95.3		97.8				99.1				99.7					

TOTAL NUMBER OF OBSERVATIONS 93

USAF ETAC 1.4 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

#### CEILING VERSUS VISIBILITY

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24101 HILL AFB/UGDEN UTAH

66-70,73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

1							VISI	BILITY STA	TUTE MILI							
COUNTY !																
* * <b>E</b> E1	≥10	ا ه≤	≥ 5	≥4	≥ ડ	≥2.	≥ 2	ر اخ	≥1.	≥'	≥.	≥ `*	≥:	≥5 16	≥ .	≥0
NO CHILING				70.3												
≥ 20000				74,4												
2 18000	74.1	74.8	74.8	74.8	74.8	74 . 8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 16.400	74.8	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 1400C	75.6	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 12000				77.6												77.6
≥ 1000€	79.1	79.8	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 9000	80.4	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 8000	82.3	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 7000	84.4	85.2		85.2												
≥ 60,00	86.3			87.2											87.3	
; - 50KY	89.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
± 4500	90.3			91.3												
≥ 4000				92.6												
_ 3500	91.8			92,8												
≥ 3000	92.7			93.9												
≥ 250v	93.8			95.2												
≥ 200X				95.9												
≥ 1800				96.0												
≥ 1500				96.9												
≥ 1/u/	94.8			97.2												
2 1000				97.6												
2 900				97.6												
≥ 800				97.7												
≥ 700				97.8												
2 000				98.0	-									_		
2 50U				98.0												
400				98.0												
2 300				98.0												
200				98.0												
j				98.0												
2 19)				98.0												
L	77.0	7102	71.0	70.0	70 . 8	70.7	77.4	44.5	77.5	77.0	77.7	77.7	77.7	100.0	100.0	TOU.

USAF ETAC 1.04 0-14-5 (OL A) merious cortions of this form are desolete

#### CEILING VERSUS VISIBILITY

24101 HILL AFB/UGUEN UTAH

56-70,73-77

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CERTIFIC							٧،ŞI	STITY STA	TOTE MILE	\$						
FEET	≥16	≥6	≥ 5	24	≥3	≥2.	≥ 2	≥ .	≥1.	21	≥ .	≥ .	_ ≥	≥ 5 16	≥ .	≥0
20000				69.2 72.8												
≥ 18000 ≥ 6/01	73.2 74.1			73.8 74.6												
≥ 14000 ≥ 12000		77.8	77.8		77.3	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
2 9,000	83.0	83.5	83.5	82.0 83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	33.5	83.5	83.5
≥ 8600 ≥ 7660	85.4 87.8	88.4	98.4		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 6000 - 5000	92.2	92.0	92.8	90.1	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
± 4500 ± 4000	92.6	93.8	93.8	93.2 93.R	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
2 3500 ± 3000	94.0	95.2	95.2	94.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500 ≥ 200°	95.2	96.5	96.5	96.2	96.9	36.9	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1800 ± 1500	95.9	97.3	97.3	96.7	98.0	98.0	98.1	98.3	98.3	98.3	98.4	98.4	98.4		98.4	98.4
2 120	96.0	97.5	97.6	97.7	98.3	98.3	93.4	98.6	98.6	98.7	98.8	98.8	98.8	98.8	78.8	98.8
≥ 900 ≥ 800		97.5	97.7	98.0	98.5	98.5	98.9		99.2	99.4	99.5	99.5	99.5		99.5	99.5
≥ 700 ≥ 600	96.1	97.5	97.8	98.2	98.7	98.7	99.1	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
2 400	96.1	97.6	97.8	98.2 98.2 98.2	98.7	98.7	79.1	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
200	96.1	97.6	97.8	98.2	98.7	98.7	99.1	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
100				98.2												

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TOTAL NUMBER OF OBSERVATIONS 93

USAF FTAC 164 0-14-5 (OL A) MENOUS FOITIONS OF THIS FORM AM OBSOLETE

## CEILING VERSUS VISIBILITY

24101

T. "自然提供"五十

HILL AFB/GGDFN UTAH

66-70,73-77

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEHING							VIS	BILITY STA	GUTE MILI	£S.						
FEET	≥10	≥6	≥ 5	≥ 4	23	22	27	≥, ,	≥1.	≥,	≥ '•	≥ ,	≥	≥5 16	≥.	≥0
NO CEIHNG ≥ 20000		73.2 76.7	73.2 76.7							73.2 76.7						
≥ 18000 ≥ 16000		77.3 78.1	77.3 78.1							77.3 78.1				77.3 78.1		
≥ 14000 ≥ 17600	79.1 81.1		79.5 81.4	81.4	81.4											
≥ 15000 ≥ 9000	84.3 85.2	85.5	85.5		85.5	85.5	85.5	85.5	85.5	84.6 85.5	85.5	85.5	85.5	85.5	85.5	85.5
2 4000 2 7000	86.5 88.3	88.7	86.9 88.7	88.7	88.7	88.7	88,7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
, ≥ 60% ≥ 5000		92.8	90.1 92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8		92.8	92.8
≥ 4505 ≥ 4000	93.9	94.9	93.0	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	
≥ 3500		96.3	95.5 96.3	96.3	96.5	96.5	96.5	96.5	96.5		76.5	96.5	96.5	96.5	96.5	96.5
≥ 2500 ≥ 200°	96.3		98.5	98.5	98.6	98.6	98.6	98.6	98.6		98.7	98.7	98.7	98.7	98,7	
≥ 1800 ≥ 1500	96.5		98.8 99.1	98.8	98.9	98.9	95.9	98.9	98.9		99.0	99.0	99.0	99.0	99.0	99.0
= 1000 = 1000	96.8	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2 800		99.2	99.4	99.5	- 1	99.6	99.6	99.6	99.6		99.7	99.7	99.7	99.7	99.7	99.7
2 500		99.5	99.6 99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 400		99,5	99.6	99.7	99.8	99,8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 2%	96.8	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
	96.8	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

USAF ETAC .... 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDEN UTAH

66-70,73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CERLING	~.~ <b>L</b>			~			/151	BILITY STA	TUTE MILE	۲		gene a ner vagin reprinse				
HET	≥10	≥6	25	≥4	.3	≥?.	≥2	5,	21.	≥1	٠.	2 ,	2	≥5 10	2.	≥0
NO CERINO	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
, ≥ 20000	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76,8	76.8
2 18000	77.1				77.2											
1000					77.8											
2 14500	79.2				79.4											
2 1 2000	81.6				81.8											
211,600	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83∙୨¦	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 9000 1	85,3				85.5											
≥ 8000	87.U				87.2											
2 71/40	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	06.8	88.8	88,8	88.8
2 00	89.6	89.8	90.0	90.0	90.d	90.0	ാദ•0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
(79)	92.4	93.1	92.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93,3	93.3	93.3	93.3	93.3	93.3
± 450%	93.Q	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
- 4 XX	93.4	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94,4	94.4
> 35(4)	94.1	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95,1	95.1
* SKAS	95.2	96.0	26.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
: 2500	95.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
2000	96.7	97.7			98.1											
≥ 1800	96.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
2 1500	96.8	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
2 1700	96.8	98.2	98.7	98.7	93.7	98.7	93.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
2 1000	96.8	98.3	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
960					99.0											
	95.8	98.3	99.1	99.1	59.1	99.1	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
2 70€	96.8	98.3	99.1	99.1	79.1	99.1	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
1 = 600	96.8	98.3	99.1	99.1	99.1	99.1	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
- 500	96.8	98.3	99.1	99.1	99.1	99.1	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	96.8				99.2											
2 300	96.8				99.2											
: /00	96.8	98.3	99.2	99.2	99.2	99.2	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
100	96.3	98.3	99.2	99.2	99.2	99.2	99.4	99.0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
1	96.8	98.3	99.2	99.2	99.2	99.2	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC . . . 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE PASOLETE

## CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDEN UTAH

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06-70,73077

UCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CETING							vi\$	IBILITY ST	ATU'E MIL	ES						
FEET	1 ≥10	≥6	<i>&gt;</i> 5	24	ي ع	2.2	≥7	≥1	≥1,	≥'	≥ .	≥ ×	≥	2510	≥ .	≥0
2 20000	72.1 74.6	72.4		72.4	72.4	72.4	74.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 18000 ≥ 16000		75.3 76.0	15.3	12.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 14000 ≥ 12000	77.0	77.3 79.5	77.3	77.3	77.3 79.5	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	76.0 77.3
≥ 10000 ≥ 9000	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 8000 ≥ 7000	85.7	83.9 85.0 87.7	86.0	30.0	86.0	86.0	86.0	86.0	86.0	86.0	36.0	86.0	86.0	86.0	86.0	86.0
≥ 6000 ≥ 5000	89.3	89.6	89.7	89.7	87.7 89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	87.7	89.7	87.7 89.7
≥ 4500 ≥ 4000	72.0	92.4 93.1 94.2	73.1	99.3	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	9301
≥ 3500 ≥ 3000	94.1	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500 ≥ 2000	77.0	95.7 96.6	70.1	90.1	70.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	94.9	96.9	94.9
≥ 1800 ≥ 1500	70 . 1	97.1	71,4	71.4	77.5	97.6	47.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7
2 1200 2 1000	70.4	97.6	70 + 1	70.4	70 . 4	78.4	96.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	9846
2 700 ≥ 800	96.5	97.9	98.3	98.5	98•7 95•7	98.7	73.9	98.5	98.9	99.0	99.1	99.1	99.1	99.11	99.1	69.1
≥ 700 ≥ 600	96.5 96.5	98.0	98.4 98.3	70.1	98.8	99.0	99.1	99 • 2!	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 500 ≥ 400	96.5	98.0	98.5	98.8	99.0	99+1	99.3	99.4	99.4	99,6	97.6	99.6	99.6	99.7	99.7	99.7
2 300 2 700	96.5 96.5	38 • O	58.6	98.8	99.1	99.2	99.4	99.5	99.6	95.8	99.8	99.8	99.9	99.91	00.0	00.0
- 100 001 c	96.5	98.0	98.6	98.8	99.1	99.2	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	00.0	100.0
<u></u>	96.5	98.D	98.6	98.8	99.1	99,2	99.4	99.6	99.6	99,8	99.9	99.9	99.9	99.95	00.0	100.0

OTAL NUMBER OF ORSERVATIONS

USAF ETAC 10 A 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLE

## CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDEN UTAH

06-70,73-77

NUV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000=0200

CEILING	!						VI\$	IBILITY STA	ATUTE MIL	E S						
<b>FE</b> E1	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2.	≥ ?	≥1.	≥1.	اخ	≥ .	≥ .	≥	25 16	2.	≥0
NO FEILING ≥ 20000	55.6 56.8	57.9 59.1				58.8		58.8 60.0		58.8	58.8	58.8	58.8		58.8 60.0	
≥ 18000 ≥ 18000	57.3 57.8	59.7	60.3	60.6	60.6	60.6	60.6	60.6 61.0	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 14000 ≥ 12000	59.2 60.9	61.6	62.2	62.4		62.4	62.6	62.6	62.6	62.6			62.6			62.6
≥ 10000 ≥ 9000	65.3 66.3	67.7	68.3	68.6	68.6	68.6	66.7	68.7		68.7	68.7	68.7	68.7	68.7	66.7	68.7
≥ 8000 ≥ 7000	70.2 73.3	72.7 75.9	73.3	73.6		73.6	73.7	73.7	73.7	73.7	73.7	73.7		73.7	73.7	73.7
≥ 6000 ≥ 5000	76.1 82.3	78.7 85.1			79.6 86.0	79.6 86.0	79.7	79.7		79.7	79.7		79.7	79.7	79.7	
≥ 4500 ≥ 4000	84.2 85.9				88.3 90.6	88.3 90.6		88.6 90.9		88.6	88.6	88.6	88.6	88.6	88.6	88.8
≥ 3500	86.6 88.2			93.7		91.7	92.0	92.0	92.0	92.0		92.0	92.0	92.0		92.2
≥ 2500 ≥ 200x	88.7 88.9	93.4		95.2	94.2 95.4	94.3 95.6	94.8 96.0	94.8 96.0			94.8 96.0			94.8	94.8	95.0
≥ 1800	89.0		94.4	95.6	95.6 95.8	95.7 95.9		96•1 96•4		96.6	96.6	96.1 96.6			96.1 96.6	
≥ 1200 ≥ 1000	89.0 89.0	93.6	94.6	95.8	96.1		97.1	96 • 4 97 • 2	97.4	97.4	97.6	96.6 97.6		96.6 97.6		
≥ 800 ≥ 8.00	89.0 89.0	93.6	94.7	95.8	90.1	96.3 96.3	97.2		97.8	97.8	97.9	97.7 97.9	97.7 97.9		1	-
≥ 700 ≥ 600	89.2	94.0	94.9	96.3	96.7	96.7	97.9	98.1	98.4	98.4	98.6	98.3 98.6	- •			
≥ 500 ≥ 400	89.3	94.0		96.3	96.7	96.9 96.9	98.0	98.1 98.3	98.7	98.7	99.1	99.1	49.2	99.2	99.0	99.5
≥ 200	89.3	94.0	95.1 95.1	96.3	96.7		98.0	98.3	98.8	98.8	99.3	99.3	99.6	99.6	99.7	99.9
. ≥ 0 0	89.3	94.0	95.1 95.1					98.4 98.4							99.7 99.7	

TOTAL NUMBER OF OBSERVATIONS

\_\_\_92

USAF ETAC 1104 0-14-5 (OL A) PRIVIOUS SOFTONS OF THIS FORM ARE OBSORBE

#### CEILING VERSUS VISIBILITY

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24101 HILL AFS/OCDEN UTAH

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66-70,73-77

WDY.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

l CHUM							V151	BILITY STA	ITUTE MILE	4						
167.	≥10	≥6	≥5	≥ 4	≥ 3	≥2.	≥ ?	>1	≥1,	<b>&gt;</b> 1	٤.	≥`.	2	≥5 16	≥ .	≥0
NO CEILING . ≥ 20000	55.3 56.9	1	57.6 59.1		57.7 59.2			57.7 59.2					57.7 59.2		57.7 59.2	57.7 59.2
≥ 18000 ≥ 16000	57.7 58.2	1		59.9 60.4				60.0 60.5								
≥ 14000 ≥ 12000	59.6 62.1	64.2	64.3	64.3	64.4	64.4	64.4	61.9 64.4	64.4	64.4	64.4	64.4	64.4	64.4	61.9	64.4
≥ 10000 ≥ 9000	66.0	58.1	68.2	68.2		68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
± 8000   ± 7000	72.8	75.1		75.2	75.4	75.4	75.4	72.1 75.4	75.4	75.4	75.4	75.4		75.4	75.4	
2 6000 2 5000 2 4500	75.3 79.7	82.4		82,8	83.0	83.0	81.0	78.2 83.0	83.0	83.0	83.0		83.0		83.1	83.1
≥ 4000	84.8	87.3		88.6	88.8	88.6	88.8	85.6 88.8 90.7	88.8	88.8	88.8	88.8	88.8	88.8	88.9	
≥ 2500		91.1	91.8	92.1	92:4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.7	92.7
≥ 2000	89.3	92.9	93.8	94.2	94.7	94.9	94.9	94.9	94.9	94.9	94,9	94.9	95.0	95.0	95.1	95.1
≥ 1500 ≥ 1200	89.6	93.1	94.1	94.7	95.2	95.4	95.4	95.4 95.8	95.4	95.4	95.4		95.0		95.7	95.7
- 1000 - 950	89.8	93.3	94.4	95.0	95.6	95.8	96.3	96.6	96.7	96.7	96.8	96.8	97.0	97.0	97.1	97.1
≥ 800 ≥ 700	89.8			95.1	95.7	95.9	96.4	96.8	96.8	96.8	97.0	97.0		97.2	97.3	97.3
≥ 600	89.8				95.9	96.1	96.8		97.2	97.3	97.6		97.8		97.9	97.9
≥ 400	89.8		94.8	95.4	96.0	96.2 96.2	96.9	97.2 97.3	97.4	97.7 97.8	98.4	98.4 98.6		98.7		
2 200 2 100 2 0		93.4	94.8	95.4		96.2	97.0		97.6	97.8	98.7	98.7		99.4	99.8	100.0
<u></u>	89.8	93.4	94.8	95.4	96+0	96.2	97.0	97.3	97.6	97.8	98.7	98.7	99.3	99.4	99.8	100-0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 100 04 0+13-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

24101 HILL AFB/OGDEN UTAH

66-70,73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING						-	VISI	BILITY STA	TUTE MILE							
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2.	≥ 2	≥ i	≥1.	≥ì	٤.	٠ ج	2	≥ 5 16	٤.	≥0
NO CEILING 2 20000	54.1 53.3	1						56.9 58.1						56.9 58.1	56.9 58.1	
≥ 18000 ≥ 16000	56.1 56.2	58.3	58.4		58.9	59.0	59.Q	58.9 59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 14000	57.3 60.4	62.6	62.7	62.8	63.1	63.2	63.2		63.2	63.2	63.2	63.2	63.2	60.1	63.2	63.2
≥ 9000	65.7		68.0	68.2		68.7	68.7	68.7	68.7		68.7		68.7	68.7	68.7	
≥ 8000 ≥ 7000 ≥ 6000	68.8 72.1	71.0 74.4 77.3		75.0		75.4	75,4	71.9 75.4 78.3	75.4	75.4	75.4	75.4	75.4	71.9 75.4 78.3	75.4	71.9 75.4 78.3
≥ '000 ≥ 4500	79.7		82.1		83.0	83.1	R3.1		83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4000	84.0	1	87.8	88.4		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3000	86.3	90.0	90.7		92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1 93.8
≥ 2000	87.4 87.8	91.2 91.7	92.1		93.9	94.8	94.9	94.6	94.6	94.6	94.6	94.6	94.6 95.1	94.6 95.1	94.6	
≥ 1500	88.3	92.6	93.4	94.0	95.3	95.8	96.1	96.0 96.3	96.6	96.7	96.8	96.8	96.8	96.8	96.3	96.6
2 1000	88.6	92.8	93.7	94.6	95.7	96.1	97.0	97.0	97.7	97.9	98.0	98.0	98.2	98.2	98.2	98.2
≥ 800 ≥ 700	88.8	92.9	93.8	95.0	96.1	96.6	97.6	97.9 97.9	98.4	98.8	99.0	99.0	99.3	99.3	99.3	99.3
≥ 600 ≥ 500 ≥ 400	88.8	92.9	93.8	95.0	90.1	96.6	97.7	98.0 98.1	98.7	99.1	99.3	99.3	99.7	99.7	99.4	99.7
≥ 300 ≥ 300 ≥ 200	88.8	92.9	93.8	95.0	96.1	96.6	97.7	98.1	98.8	99.2	99.4	99.4	99.8	99.8		99.8
2 (10)	88.8	92.9	93.8	95.0	96.1	96.7	97.8	98.2 98.2 98.2	98.9	99.3	99.0	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 1 164 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

24101

HILL AFB/UGDEN UTAH

66-70,73-77

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

· fillers							ViSi	BILITY STA	TITE MILE	\$						
ffE  -	210	≥0	≥5	≥ 4	ا د	22	2.2	<u>≥</u> 1	≥1.	≥1	2 4	≥ ′,	2	≥516	، ٤	≥0
OOOO? ≤		52.7 55.0						53.7 56.0						53.7 56.0		
≥ 18000 ≥ 16000	52.0	55.6 56.6	57.2	57.4	57.6	57.6	57.6	56.6 57.6	57.6	57,6	57.6	57.6	57,6	57.6	57.6	57.6
≥ 14000 ≤ 12009	54.9	62.9	63.7	63.0	64 . C	64.0	64.0	00.4	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 9000 ≥ 9000	61.8	67.4	68.3	68.6	68.7	68.7	68.7	67.9	68.7	68.7	68,7	68.7	68.7	68.7	68.7	68.7
≥ 8000 ≥ 7000 = 6000	64.6 67.1	72.4	73.6	73.8	74.0	74.0	74.1	70.9 74.1 77.2	74.1	74.1	74.1	74.1		74.1	74.1	74.1
2 5000 2 4500	;	80.7	82.0		82.4	82.4	82.8	86.4	82.8	82.8	62.8	82.P	82.8	82.8	82.8	82.8
≥ 4063 ≥ 3500	80.6		88.2	88.4	88.7	88.7	89.0	89.0 90.4	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
2 3000	82.8	90.4				91.6	92.0	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000	84.2	91.7	93.8	94.3	94.7	94,9	95.3	95.3 95.4	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1500	84.4	92.0	94.1	94.5	95.2	95.4	96.0	96.0 96.2	96.4	95.8	96.9	96.9	97.0	97.0	97.0	97.3
≥ 1000 ≥ 900 ≥ 800	84.6		94.3	95.0	95.6	95.8	95.3	96.6 96.7 96.7	96.9	97.2	97.3	97.4	97.6	97.6	97.7	97.7
≥ 700 ≥ 600	<del></del>	92.2	94.4	95.1	95.7	95.9	96.6	96.9 96.9	97.1	97.6	97.8	98.1	93.3	98.3	98.4	98 - 4
2 500 ≥ 400	84.6	92.2	94.6	95.2	95.8	96.0	96.7	97.0 97.1	97.2	97.8	98.1	98.6	99.0	99.0	99.1	99.1
≥ 3(°) ≥ 200	84.6 84.6	92.2 92.2	94°6 94°6	95.4 95.4	96 • 0 96 • 0	96.2 96.2	96.9 96.9	97.2 97.2	97.4 97.4	98 • 1 98 • 1	98.4 98.4	98.9 98.9	99.3	99.6 99.8	99.7 99,9	99•7 99•9
2 1.00 2 U																100•0 100•0

TOTAL NUMBER OF OBSERVATIONS 90

1/SAF ETAC 1/154 0-14-5 (OL A) MEVIGUS EDITIONS OF THIS FORM ARE OBSTILETE

## CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDEN UTAH

56-70,73-77

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200=1400

CEILING							VIS	BILITY STA	TUTE MILE	5				_		
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2.	≥ 2	≥i.	≥1.	≥1	≥ '₄	≥`,	≥	≥ 5 16	≥ .	≥0
NG CEILING 20000	43.6 52.2	52.4 56.1	54.0 57.7	!		54.2 57.9		54.4 58.1				54.4 58.1				
≥ 18000 ≥ 16000	53.0 54.1		58.4 59.6	1	58.7 59.8	58.7	58 <b>.9</b>	58.9 60.0	58.9	58.9	58.9	58.9	58.9			
≥ 14000 ± 12000	56.9 58.9	63.9		64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1		65.1	65.1	65.1	
≥ 9500 ≥ 9500	65.0		71.0	71.3	71.3	71.3	71.6		71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 8000 ≥ 7000	69.4	74.2		76.2	76.3	76.3	76.6	73.7	76.6	76,6	76.6	76.6		76.6	76.6	76.6
≥ 5000		81.8	83.6	84.0	84.3	84.3	84.7	84.8		84.8	84.8		84.8	84.8	84.8	84.8
≥ 4500	79.2 81.3	86.4	85.9	88.7	89.0	89.0	89.3	87.1 89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
2 3000 ≥ 3000 ≥ 2500	83.2	88.6	90.4	91.0	91.3	91.3	91.7	91.9	92.0	92.1	92.1	90.6 92.1 93.1	92.1		92.1 93.1	92.1
2000 2000	83.9	89.6	1	92.3	92.7	92.7	93.1	93.4	93.6 93.7	93.9	94.0		94.0	94.0	94.0	94.0
- 1500	83.9 84.0	89.6	92.1	92.9	- 1	93.2	93.7	94.1	94.2	94.6	94.7	94.7	94.9	94.9	94.9	94.9
= 300 = 1000	84.7	90.1	92.9	93.8	1	94.3	95.0	95.4	95.6	95.9	96.1	96.1	96.3	96.3	96.3	96.3
- <del>700</del> <del>2</del> <del>700</del> <del>2</del> <del>2</del> <del>2</del> <del>2</del> <del>2</del> <del>2</del> <del>2</del> <del>2</del> <del>2</del> <del>2</del>	84.2	90.1	93.1	94.1	94.6		95.4	96.0	96.1	96.4	96.8	96.8	97.0	97.1	97.1	97.1
≥ 400	84.2 84.3	20.1	93.1	94.1	94.6	94.7	95.6	96.2	96.3	96.8			97.7	97.8	97.8	97.8
≥ 400	84.3	90.2	93.2	94.2	94.7		95.7	96.3		97.0		97.8	98.3		98.9	99.0
200	84.3	90.2		94.2		94.8	95.7	96.3 96.3	96.4	97.0	97.7	98.0	98.8	99.1	99.6	99.8 100.0
	84.3				94.7		- 1				97.7					100.0

FOTAL NUMBER OF OBSERVATIONS 90

USAF ETAC 12.4 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DISOLETE

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR JEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDEN UTAH

66-70,73-77

NDV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

(EILING							VIS	IBILITY STA	ATUTE MIL	:\$						
FFET	≥10	≥6	≥ 5	≥ 4	≥3	≥:	27	≥ì	≥1.	≥1	≥ ′4	≥`•	≥ 、	≥5 16	2.	≥0
NO CEILING	49.3 53.9	53.0 57.9			54.0 58.9			54.2 59.1					54.2 59.1	54.3 59.2		
≥ 18000 ≥ 16000	54.6 55.7				59.6 60.7						59.8 60.9		59.8 60.9			
≥ 14000 ≥ 12000	58.1 62.0	62.3 66.2	66.7	67.1	67.2	67.2	67.2	67.4	67.4	67.4	63.6 67.4	67.4	67.4	67.6	67.6	
0000 ≤	65.4	71.7	72.1	72.6	72.7	72.7	72.7	72.9	72.9	72.9	71.2 72.9	72.9	72.9	73.0		73.0
≥ 8000 ≥ 7000	69.2 71.9	76.6	77.0	77.4	74.8 77.6	77.6	77.6	77.8	77.8	77.8	77.8	77.8		77.9	77.9	77.9
≥ 6000 ≥ 5000	74.1	84.4	85.1	85.7		86.2	80.3	86.7	86.8	86.9	86.9	86.9	86.9	87.0		87.0
≥ 4500 ≥ 4000 ≥ 3500	82.8		88.8		90.0		90.3		90.8	90.9	88.4 90.9 91.8	90.9	90.9	91.0	,	91.0
≥ 3000	84.1 84.8	89.7	90.8	91.6	92.3		92.7		93.1		93.2	93.2	93.2	93.3	93.3	93.3
≥ 2000 ≥ 1800	85,4 85.7	91.1	92.6	93.4	94.3	94.3	94.7		95.2	_	95.3	95.3	95.3		95.4	
≥ 1500	85.9	91.6	93.6	94.4		95.3	95.7		96.3	96.4	96.4	96.4	96.4	96.6	96.6	96.6
≥ 1000	86.0		93.7	94.6	95.8	95.9	96.2	96.8	96.9	97.0	97.0 97.1	97.0	97.0	97.1	97.1	97.1
≥ 800	86.0 86.1		93.8	94.7	95.9	96.0	96.3	97.0	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3 97.7
≥ 600	86.1										97.d 98.1		98.3 98.7			98.4
≥ 460	86.1	;	93.9	94.8	96+0	96.2	90.6	97.4	97.7	98.0	98•2 98•2	98.7	98.8	99.0	99.6	99.6
≥ 200	86.1	91.8	93.9	94.8	96.0	96.2	96.6	97.4	97.7	98.0	98•2 98•2	98.7	98.9	99.1	99.9	100.0
<u> </u>	86.1	91.8	93.9	94.8	96.0	96.2	96.6	97.4	97.7	98.0	98.2	98.7	98.9	99.1	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC 104.54 0-14-5 (OL A PPEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

ST MARKETY

24101 HILL AFB/UGDEN UTAH

66-70,73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FRCM HOURLY OBSERVATIONS)

1800-2000

CEILING							VISI	BILITY STA	TUTE , MILL	5						
FEET	≥10	≥ه	≥5	≥ 4	≥3	≥2 %	≥2	≥ì.	≥1.	≥1	≥ '4	≥ ',	2	≥ 5 16	≥ .	≥0
NO CEITING ≥ 20000	55.1 57.9			57.4 60.6	- 1	- 1		57.6 60.7		57.6 60.7	57.6 60.7		57.6 60.7	1		57.6 60.7
≥ 1800C ≥ 16000	58.8 59.3	61.2	61.8	62.0		62.1	62.1	62.1		62.1	62.1	62.1		62.1	61.6	62.1
≥ 14000	61.6		66,8	67.1	67.2	67.2	67.2	67.2	07.2	67.2	67.2	67.2		67.2	64.4	67.2
≥ '0000	68.1	70.0 71.3	71.9	72.3		72.6	72.6	72.6		72.6	72.6			72.6		72.6
≥ 8000	72.4	74.3	74.9	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2			78.2	78.2
≥ 5000 ≥ 5000	78.1 81.4 82.7	80.0 83.9 85.1	84.7	85.2	85.6	,	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7
2 4000	84.2	86.7	87.7	88.3	88.8	88.8			89.3	89.3	89.3	87.3 89.3 91.1		89.4	87.4 89.4	
≥ 3000 ≥ 2500	86.8 87.8	89.8	91.0	91.8	92.3	92.3	92.8	92.8 94.6	92.9	92.9	92.9		93.0	9.3.0	93.0	93.0
2 2000	88.2	91.7	93.4	94,3	95.1	95.1	95.6	95.6	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8
≥ 1500	,	.92.1	94.0		95.8	95.8	96.3		96.4	96.4	96.4		96.6	96.6	96.6	96.6
≥ 1000 ≥ 900		92 • 1 92 • 2		95.1 95.3		96.0	96.8	96.9 97.2	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 700	88.7			95.3 95.3	96.2		97.2	97.3 97.4	97.4			97.7 97.8		97.8 97.9	97.8 97.9	
≥ 600	88.7	92.2	94.3	95.3	96.3	96.3	97.2	97.4 97.6	97.7	98.0	98.1		98.4	98.4		98.4
≥ 100 ≥ 300 ≥ 200	88.7	92.2	94.3	95.3	96.3	96.3	97.2	97.6	97.7		98.3		98.7	98.8	98.9	1
1 200 100 2 0	88.7 88.7 88.7	92.2	94.3		96.3	96.3	97.2		97.7	98.2	98.3 98.4 98.4		98.9	99.0	99.3	99.9 99.9

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 1004 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLETE

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

24101 HILL AFB/OGDEN UTAH

66-70,73-77

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CETTING							VIS	BILITY STA	TUTE MILE	5						
{ FEET	≥10	≥6. !	≥ 5	≥4	≥3	≥2.	≥?	≥ì	≥1.	۱ خ	≥ ′•	≥ ′•	≥ -	≥5 .0	≥ .	≥0
NO CEILING ± 20000		58.4 60.2		59.3 61.1	59.3 61.1	59.3 61.1	1	59.3 61.1					59.3 61.1		59.3 61.1	1
≥ 18000 ≥ (6000	59.0 60.0	61.1		62.0	62.0 63.0	62.0 63.0			62.0					62.0 63.0		
≥ 14000 ≥ 12000	62.1 65.0	67.1	67.9	68.0	65.1	68.0	68.0	68.0	68.0	68.0	68.0	68.0		68.0	68.0	
> 10000 > 9000	68.7 70.1	72.2	73.0	73.1	73.1	73.2	71.2	73.2	73.2	73.2	71.7	73.3	73.3	71.7	73.3	
≥ £000 ≥ 7000	72.8	76.7	77.4	77.6	75.8 77.6	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	76.0
2 6000 2 5000 3 4500	77.8 82.8 84.3		86.4	80.8 86.8 88.4	86.8	86.9	84.9	86.9	86.9	86.9		87.1	87.3	87.3	87.3	81 • 1 87 • 3 89 • 2
≥ 4000 ≥ 3500	85.8		89.8	90.2	90.3	90.4	90.4	88.7 90.4 92.6	90.4	90.6			91.0	, .	_	91.1
≥ 3000 ≥ 2500	87.8	91.1	92.3	92,9	93.3	93.4	93.6	93.6	93.6	93.7		93.9	94.1	94.1	94.1	24.2
≥ 7000	88.8	92.2	93.7	94.2	94.8	94.9	95.0	95.0	95.0	95.1		95.3	95.6	95.6	95.6 95.7	
≥ 1500	89.2	92.7	94.i	94.7		95.3	95.4	95.4 95.4	95.4	95.6	95.9	95.9 95.9	96.1	96.1		96•2 96•2
> 1000 > 700 > 800	89.7	93.1	94.7	95.6	95.8	96.2	96.7	96.7	96.7	96.8	97.1	97.1	97.3	97.3	97.3	97.4
≥ 760 ≥ 600	89.8	93.2	94.8	95.7	96+1 96+1	96.3	96.8	96.8	96.8	96.9		97.2	97.4	97.4	97.6	97.7
≥ 500 ≥ 400	89.8	1	94.8	95.8	96 • 1 96 • 2 96 • 2	96.6	97.1	97.2	97.2	97.4		98.0	98.3		98.6	98.7
30°) 2 2°0	89.8	93.2	94.8	95.8		96,6	97.1	97.2	97.2	97.6	98.1	98 • 1	98.4	98.3	98.5	99.0
± 100 ± 0	89.8	93.2	94.6	95.8	96·2 96·2	96.6	97.1	97.2	97.2	97.6	98.2	98.2	98.6	98.9	59.0	99.4

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TAL NUMBER OF OBSERVATIONS 900

USAF ETAC 12.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSCIET

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

24101 HILL AFE/UCDEN UTAH

66-70,73-77

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS)

<del>₷</del>₳**Ļ**Ļ\_

CERING	·						VI\$	IBILITY S.A	HUTE MILI	ES.						
FEET I	≥10	که	≥ 5	≥4	≥3	≥2.	≥ }	٠ ١ ج	≥1.	≥1	≥ '4	≥ ,	2	≥516	<b>2</b> ,	≥c
NO CEILING	}	55.6 58.1						56.6								
≥ '8000	55.9			59.6									,	59.8		59.8
2 4000	56.7 58.7			62.4		60.5		62.6						60.5		62.6
= 1200ki	61.5	64.4		65.3			, ,	65.2				,				
≥ 10000 ≥ 9000	65.3	69.6	-	69.3				69.5						)	69.5	
≥ 800C ≥ 7000	69.3	72.4	73.1	73.3	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.5
≥ 6000	72.0			76.2	76.4			79.4			76.5 79.4				76.5	76.5 79.5
≥ 5000	79.7			84.4		84.7	84.8	84.9	84.9	84.9	54.9	84.5	85.0	85 · C	85.0	85.0
≥ 4500 ≥ 4000	81.7		88.6	86.5				87.1 89.7	- 1		87.2 89.8			87.3	•	87.3
≥ 3500 1 ≥ 3000	84.8	- 1			90.8			91.2								91.4
2500	85.9							92.8 93.9								93.0 94.2
≥ 2000	87.0		93.2	93.9	94.4	94.6	94.9	95.0	95.0	95.1	C5.2	95.2	95.2			95.3
≥ 1800 ≥ 1500	87.1 87.4	91.8 92.1		94.5				95.1 95.8			95.3 96.0				_	95.5
± 1200 ≥ 1000	87.4			94.6		95.4	95.8	96.0	96.3	96.2	96.3	96.3		96.4		96.5 97.3
> 9GU	B7.6				95.7		90.5	96.8	97.0	97.1	97,3	97.3	97.4			
≥ 800	87.6			95.1			96.7	97.0	97.2	97.3	97.5	97.5	97.6	97.7		97.7 98.0
≥ 700 ≥ 600	57.7		1	95.2				97.3								98.5
53C 2 400	87.7 87.7		94.3			96,2		97.4								98.9
_ 300	87.7	92.5	94.3	95.3	96.0	96.2	97.0	97.4	77.7	98.1	98.5	98.6	99.0	99.2	99.3	99.4
2 /00	87.7							97.5 97.5								99.7
2 )								57.5								

TOTAL NUMBER OF OBSERVATIONS

7200

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR JEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

24101

HILL AFB/UGDEN UTAH

66-70,73-77

\_\_DEC\_

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

EILING					-	***************************************	√IS	IBILITY STA	TUTE MILE	\$		<del></del>				]
feet :	≥10	, د≤	≥ 5	24	23	≥2.	≥ ?	اج	≥1 4	≥	≥ .	≥,	2	≥ 5 16	٤.	≥0
20000 €								46.2 48.3								. 1
≥ 1a000 ≥ 16000	39.5 40.1	47.1	47.8	48.3	48.8	48.8	45.9	48.6	49.2	49.4	49.4	42.5	49.5	49.5	49.5	
5 13000 € 11000		49.9	50.6	51.3		51.8	52.0	50.5 52.4	52.4	52.5	52.5	52.6	52.6	52.6	52.6	52.9
1000 ≥ 9000 }	45.0	52.6	53.3	54.0	54.5	54.5	54.7	54.7 55.1	55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.6
2 8000 2 7000 2 6000	48.8	56.2	57.1	57.8	58.6	58.6	59.0	57.0 59.5 63.4	59.5	59.7	59.7	59.8	59.8	59.8	59.8	60.1
2 5000 2 5000	57.1	65.6	60.5	67.3	68.5	68.5	69.0	69.5 72.4	69.5	69.7	69.7	69.8	69.8	69.8	69.8	70.1
≥ 400°		70.9		73.1	74.4	74.4	75.2	75.6 78.4	75.6	75.8	75.8	75.9	75.9	75.9	75.9	76.2
≥ 3000 ≥ 2500	66.1	76.7		79.6	81.1	81.1	81.9	85.5	82.4	82.6	82.6	82.7	82.7	82.8	82.8	
≥ 2006	67.7	79.5	81.5	83.1	85.5 85.6	85.9	86.9	87.3 87.4	87.4	87.5 87.6	87.5 87.6	87.6 87.7	87.6 87.7	87.7 87.8	87.7 87.8	68 • 2
2 1500	67.8 67.8	79.8	82.0	84.1	86.7	87.2	88.3	88.1	89.1	89.5	89.0	89.7	89.7	89.9	89.9	90.2
2 10°,0 700 2 800	68.3	80.2	82.5	84.6	87.2	67.7	89.0	90.0 90.0 90.1	90.1	91.0	91.1	91.5	91.5	91.7	91.7	92.0
≥ 700 ≥ 600	68.3	80.3	82.6	84.7	87.4	88.0	89.5	90.4	90.6	91.5	91.6	92.0	92.0	92.3	92.4	92.7
± 500 ≥ 400	68.4	80.4	82.8	84.9	€7.5	88,4	90.1	91.4	91.9	93.1	93.2	93.7	93.7	93.9	94.0	94.3
2 300 2 200	68.4 68.4	80.4 80.4	82.8	84.9	87.8 87.8	88.4	90.2	91.9	92.8 92.8	94.2	94.6	95.3 95.8	95.6	96 • 1 97 • 0	96.3 97.6	97 • 2 98 • 8
160	68.4 68.4	80.4 80.4	82.8 82.8	84.9	87.8 87.8	88.4 88.4	90.2 90.2	91.9	92.8 92.8	94.4	94.9	95.9 95.9	96.2 96.2	97.1 97.1	97.8 97.8	99.7 100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 1.44 G-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

930

GLGGAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDEN UTAH

65-70,73-77

....

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300=0500

CEIUNG							vist	BUILT STA	TUTL MICE	5						
FEET	≥10	≥6	≥ 5	≥1	≥ 3	≥2.	≥ 2	≥i,	≥1.	≥1	≥ .	≥'₀	2	≥ 5 16	≥ .	≥0
NO CEIUNG ≥ 20000	39.1 40.9	45.1			-	47.0 48.8		47.3				47.4			47.5 49.4	
≥ 18000 ≥ 150%	41.1	47.1	48.2	48.6	49.0	49.0	49.1	49.4	49.5	49.5	49.5	49.5	49.5	49.6		49.9
≥ 4000 ≤ 12000	42.0	48.7	49.2	50.0	50.4	50.4	50.5	50.0	50.9	50.9	50.9	50.9	50.9	51.0		51.3
1 ,000 ≥ 9 HG	46.8	52.6	53.7	54.5	55.1	55.1	55.2	55.4	55.5	55.5	55.5	55.5	55.5	55.6		55.9
÷ 8000 ≥ 7000	47.8 50.2	54.5	55.8	56.7	57.2	57.2	57.4	57.6	57.7	57.7	57.7	57.7	57.7	57.8		58.2
≥ 6000 ≥ 5000	54.5 58.7	21.6	63.3	64.4	65 . 4	65.4	65.8	66.1	66.2	66.2	66.2	66.2	66.2	66.3		66.8
≥ 4000	61.1	58.5	70.2	71.4	12.5	72.5	73.1	73.4	73.5	73.5	73.5	73.5	73.5	75.7	75.7	767
_ 3500 • 4000	65.7 68.5		79.7		82.0	82.2	83.0		83.4	83.4	83.4	83.4	83.4	79.5 83.5	79.5 83.5	
≥ 2500 ≥ 2000	69.0 69.5							84.4 86.1						84.6		1
± 1800 ± 1500	69.5 69.8					85.6	86.8		87.6	87.7	87.7	87.7			86.5 87.8	86.9
≥ 1201 ≥ 1000	65.9 70.1		82.3 82.6	84.1	85.5 86.0	86.8	88.1	88.2 89.2	89.7	89.9	90.1	90.1	90.1		90.2	89 • 2 90 • 6
≥ 906 ≥ 800	70.1 70.1	80.1	83.0		86.6	87.3	88.6	89.8 90.2	90.8	91.4	91.7	91.7	91.7	91.8	91.8	92.3
≥ 700 ≥ 600	70.1 70.1	80.1	83.2		86.9	87.6	89.0	90.8	51.6	92.8	93.4	93.7	93.8	93.9		94.3
£ 500 £ 400	70.1 70.1	80.1		84.7		87.7	39.2	91.0 91.5	92.8	94.2	95.2	95.4	95.5	95.8	95.8	
2 300	70.1	80.2	83.3		87.1	87.8	89.5		93.8	95.2	96.2	96.3	97.4	98.2	98.4	99.2
2 1)	70.1	80 • 2 80 • 2													98.6 98.6	

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TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 1774 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS TORM ARE OBSCIET

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDEN UTAH

66-70,73-77

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600=0800

CEILING							VISI	BILITY STA	TUTE MILE	:5						
FEFT	≥ 10	≥6	25	≥ 4	≥3	≥2.	2.	≥i	≥1 4	≥ı	٤.	≥ .	2	≥5 16	≥.	≥0
- NO CEIUNG ≥ 20000					44.4											
≥ 18000 > 1500)	40.8	45.4	46.6	47.4	47.5 48.0	47.8	48.0	48.3	48.3	48.4	48.4	48.4	48.5	48.7	48.7	48.9
≥ 140 <b>0</b> 0 ≥ 2000	41.9	46.8	48.0	49.0	49.2 50.8	49.6	49.8	50.1	50.1	50.2	50.2	50.2	50.3	50.5	50.5	50.8
≥ 9000		51.2	52.5	53.5	55.2	54.2	54.5	54.8	54.8	54.9	55.1	55.2	55.3	55.5	55.5	55.7
2 8000 2 700		14:05	55.9	57.0	57.3 59.2	57.6	58.0	58.3	58.3	58.4	58.5	58.6	58.7	58.9	58.9	59.1
6000 500x	53.7 58.1	59.5	61.0	62.0	62.5	62.8	63.1		63.4	63.5	63.7	63.8	63.9	64.1	64.1	64.3
≥ 4500 ≥ 4000		66.8	68.5	69.6	70 · 1 74 · 5	70.4	70.8	71.2	71.2	71.4	71.5	71.6	71.7	71.9	71.9	
25000 ≤		72.6	75.2		76.8		7		78.0	78.2	78.3	78.4	78.5	78.7	78.7	79.0 82.3
≥ 250U ≥ 2000	68.3	76.0	79.1		81.6	81.9	82.0	83.1	83.1	83.3	63.5	83.7		84.0	84.0	84.3
≥ 800 ≥ 1500	68.9 69.1	77.1				83.7	84.3	84.3	84.8	85.3	85.5	85.6		85.9 87.2		86 • 2 87 • 5
≥ 120¢ ≥ 1000	69.5		81.2	82.6	84.6 84.9	85.4	86.1	86.9	87.3	88.1	88.4	88.5	88.7	88.9		
≥ 830 ≥ 830	69,5 69.5	78.0	81.8	83.2	85.5 85.5	86.3	87.3		88.9	89.8	90.4	90.5	90.8	91.0		- 1
≥ 700 ≥ 600	69.5 69.5	78.0	81.8	83.2	85 • 5 85 • 5	86.3	87.4	88.5	89.1	90.2		91.2	91.6	91.9		92•4 93•4
± 500 ≥ 400	69.5 69.5				85 • 6 85 • 6			89.0	89.9	91.2	92.3	93.1	93.9	94.5	94.8	
2 700	69.5	78.0	81.8	83.2	85 • 6 85 • 6	86.5	88.1	89.9	91.0	92.5	94.3	95.2	96.2	97.0	97.8	98.2
+ 100 2 0					85•6 85•6											

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC 164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATULGGY BRANCH USAFFTAC AIR MEATHER SERVICE/MAC

CONTRACT IN

# CEILING VERSUS VISIBILITY

24101 HILL AFB/DGDEN UTAH

66-70,73-77

MONIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0500-1100

CELLING							V151	BILITY STA	TE MILE	15						
FEET	≥10	≥6	≥5	≥4	23	≥2.	≥7	۱۰ اج	≥1.	<b>≥</b> ≀	≥ .	≥ ,	ے	≥5 16	≥.	≥ 0
NO 1 EILING ≥ 20000	31.7 34.2		40.4		41.5	41.9	42.4	39.8 42.6	42.6	42.7	42.8	42.8	42.8	42.8	42.9	
≥ 18000 16/00	36.0		42.4		43.4	43.9	44.3	43.4	44.5	44.6	44.7	44.7	44.7	44.7	44.8	45.2
≥ 14000 ≥ 12000		45.5	43.0	48.8	49.4	49.8	50.2	46.2 50.4	50.5	50.8	50.9	50.9	50.9	50.9	51.0	51.3
≥ 1 000 ≥ 9'-00	45.8	50.8	53.3	54.3	54.8	55.3	55.7	54.5 56.1	56.2	56.5	56,6	56.6	56.6	56.6	56.7	57.0
2 8000 2 7000	50.0	55.3	57.8	58.8	59.6	60.1	60.5	57.8 61.0	61.1	61.3	61.4	61.4	61.4	61.4	61.5	61.8
≥ 5000 ≥ 5000	58.6	54.7	67.1	68.4	69.1	69.7	70.1	65.2 70.5	70.6	71.0	71.2	71.2	71.3	71.4	71.5	71.9
≥ 4560 ≥ 4000	62.6	68.4	71.3	72.8	73.7	74.3	74.8	72.5 75.4	75.5	75.8	76.0	76.0	76.1	76.2	76.5	76.8
≥ 3500 ≥ 3000	63.8	70.2	75.2	76.9	77.8	78.6	79.4	77.7 80.2	80.3	80.9	81.2	81.3	81.5	81.6	81.8	79 • 2 82 • 2
≥ 25%0	65.5	73.5	77,4	79.5	80.5	81.6	82.6	83.8	84.2	84.8	85.2	85.3	85.5	85.6	85,8	86.1
≥ 1800 ≥ 1500	65.9		77.7	79.9	81.2	82.3	83.4	83.9 85.1	85.6	86.3	86.7	86.9	87.1	87.2	87.4	87.7
2 1700 2 1000	66.1	74.1	78.8	81.0	82.5	83.7	85,4	86.0 37.4	88.0	88.9	89.2	89.5	90.0	90.2	90.4	90.8
2 800	66.6	74.8	79.1		83.2	84.5	86.6	88.0 88.7	89.2	90.3	90.9	91.2	91.7	92.0	92.3	92.6
≥ 700	66.6	75.1 75.1	79.1	81.4	83.2	84.6	86.7	88.7	89.6	91.0	92.3	93.0	93.7	94.0	94.2	94.5
2 500	66.6	75.1 75.1	79.1	81.4	83.2	84.6	80.5	89.6	90.4	92.0	94.1	94.9	95.9	96,2	96.7	97.1
≥ 200 ≥ 200	66.6	75.1	79.1	81.4	83.2	84.6	86.8	89.6	90.4	92.2	94.3	75.2	96.6	97.5	98.6	99.0
2 W																99.8 100.0

483 FET 1800

TOTAL NUMBER OF OBSERVATIONS

USAF EIAC 100 0-14-5 (OL A) MEMOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR «EATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDEN UTAH

66-70,73-77

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS)

1200-1400

Eliman .	**************************************						v1846	AHIOY SIA	TITE WIE	>						
FEET	210	20	≥'	2.4	≥,	2.2	21	ام	≥' '	≥	2 •	۷٠	2	25 10	2.	≥0
EN CERTIFICA	31.1															
<u> </u>	33.3															
2 16000 2 16000	33.9 3	57.4	39.	41.0	43.2	44.2	44.8	45.9	46.3	46.2	40.1	40.7	40.7	40.7	40.7	46.0
k	34.1 3															
≥ 12000 ≥ 12000							47.1									
<del></del>	39.1 4															
i ≥ 15066 ≥ 9006	41.3 4		48.0	49.8	21.0	22.0	53.2	54.3	24.7	24.0	22.1	22.1	20.1	22.1	55.1	
							55.6									
8000 ≥ 7000		2.00					58.0									
<b>-</b>	48,5															
≥ 60XU  ≥ 500X'	51.3															
							61.5									
± 1000		2.2					71.4									
<u> </u>							75.5									
± 3500 ± 3000							77.0									
<u> </u>			72.3	74.8			79.5									
≥ 2500							83.0									
ļ	·		75.5				84.7									
≥ 1800   ≥ 1500	1		75.7		81.7		85.1									
		11.0	75.8		82.0		8205								88.7	
≥ 1200 ≥ 1000		71.0	1		;		85.7					89.2				
	64.1	1 0 1	76.3													
≥ 800		71 - 1	76.2	79.6	82.7		85.6					91.4	1	- 1		
	+	71 • 1	76.2				86.9						92.4		92.4	
≥ 700 ≥ 600		/1 - 1	76.3	79.7			27.2					93.0				
	+	71.1		79.7			87.4							94.2	94.2	
± 500 ≥ 400		71 • 1	76.3	79.7	82.9		87.4					94.6		1		
300		71.1	76.3	79.7			87.5					95.4		96.8		97.4
200	1	71.1	76.3	79.7	82.9		87.6	,	,		,					98.6
				79.7												99.0
≥ 100	,	71 • 1	- (	79.7			87.6									
L	64.1	71.1	76.3	79.7	05.4	J4 . 8	87.6	70.3	71.8	7306	72.1	720/	7104	98.1	77.0	100.0

USAF ETAC 1004 0-14-0 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

24101 HILL AFB/LIGHT UTAH

66-70,73-77

W) 17 17

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING		<del></del>					VISI	BILITY SIA	ATURE MILE	· S						
FEE1	≥10	≥6	≥ 5	≥ 4	≥3	≥2.	≥ 2	≥1	≥1,	≥1	≥ '•	≥`•	≥ (	≥ 5 '6	2.	3.0
NO CEIUNG ≥ 20000	31.2	· · · · · · · · · · · · · · · · · · ·	36.0 38.1								43.4			43.5	- 1	43.5
≥ 18000	33.4	36.7			42.1					46.3		46.4				
≥ AD00	34.0										47.1					
≥ 14000	36.1	39.7						48.5				49.8		49.9		
> 15000	38.8	- 1	- ;	1	48.7	1		1	1		1	53.2				
> '>0000	41.7	45.7	47.8	49.6	51.8	53.1	54.4	55.3	56.3	56.6	56.7	56.7	56.8	56.8	56.8	55.9
≥ 9 X/C	43.4	47.5	49.6	51.5	53.8	55.1	50.4	57.4	58.3	58.7	58.8	58.8	58.9	58.9	58.9	59.0
2 81×10	44.6	48.8	50.9	52.7	55.1	56.4	51.7	58.7	59.6	60.0	60.1	60.1	60.2	60.2	60.2	60.3
2 7000	47.1										63.0	63.0	63.1	63.1	63.1	63.7
≥ 6000	51.7				63.1							68.0		68 - 1		68.2
≥ 500°	54.8				66.5						71.0				71.6	
≥ 4500											73.6					
2 400			66.4				74.3				76.9					
≥ 35°K ≥ 3000	1	65.9		70.4							79.3			1 1	79.7	
			69.8								81.5					
≥ 2500 ≥ 2000											84.9					85 • 4
	·				79.3						86.9					
≥ 1800 ≥ 1500	64.2	70.0			79.4 80.5						89.3			87.4	89.7	
≥ 1200	64.3				80.8			87.3			90.4					
≥ 1000					81.3			88.4					92.2		92.4	
900	·	70.9			81.4						92.4			<del></del>	92.8	
≥ 800	64.5				81.5						93.3					
≥ 700	64.6				81.7			89.7				94.2		94.5		
≥ 600	64.6		75.0								94.7				l <b>-</b>	95.8
≥ 500	64.6										95.0					
≥ 400	64.6	71.2	75.1			83.9	87.0	89.9	92.2	94.0	95.6	96.1	96.7	96.9	97.0	97.1
₫ 300	64.6	71.2	75.1	77.6	81.8	83.9	87.0	89.9	92.2	94.2	96.0	96.7	97.5	97.8	98.0	98 • 1
≥ 200	64.6	71.2	75.1	77.6	81.8	83.9	87.0	90.0	92.4	94.5	96.4	97.1	98.1	78.5	98.8	29.0
يال، ج	64.6	71.2	75.1		81.8	83.9	87.0	90.0	92.4	94.5	96.4	97.1	98.1	98.5	98.8	99.7
<i>-</i>	64.6	71.2	75.1	77.6	81.8	83.9	87.0	90.0	92.4	94.5	96.4	97.1	98.1	98.5	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 92

USAF ETAC 100 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLETE

GLOBAL CLIMATOLOAY BRANCH USAFITAC AIR WEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

24101 HILL AFB/OGDEN UTAH

16-70,73-77

DEC\_

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

LEILING				***********			vis	IBILITY STA	THE MILE	5						
ffE'	≥10	. ≥6	≥5	2.4	≥ s	22	22	ا ُ ج	≥1.	21	≥ •	≥ .	2	≥5 16	≥ .	≥0
2 20000 2 20000	31.7				43.0 45.0			43.8				44.4		44.4		1
2 1800€ 2 16000	33.8 34.3	1		l '- ' . '		46,7	47.0	46.6 47.1							47.2 47.8	
± 14000 ≥ 12000	36.5 39.2	44.2	48.1	49.4	52.0	52.3	52.6	49.4 52.8	53.1	53.3	53.5	53.5	53.5	53.5	53.5	53.7
≥ 9000 ≤	42.3	49.0	53.1		57.2		57.9	56.5 58.0	58.5	58.8	59.0	59.0		59.0	59.0	59.2
≥ 8000 ≥ 7000	45.2	52.5	57.0	*************	61.2	61.7		62.4		63.1	63.3	63.3		63.3	63.3	63.5
≥ 6000 ≥ 5000	50.4 54.6	00.8	65.3	66.6	69.7	70.2	71.9	66.3	71.0	72.1	72.3	72.3	72.3	72.3	72.3	
2 4000 ≥ 3500	59.4	63.0 65.9	70.3	71.8	75.0	75.5	75.2		77.0	77.5	77.7	77.7	77.8	74.4 77.8 80.4	77.8	74.6 78.0
2 3000	64.ú	71.3	75.9	77.7	30.9	81.4		32.8 85.3	83.4	83.8	84.0		84.1		84.1	84.4
≥ 2000		74.0	79.4	81.4	85.2	86.0	84.9	87.4 87.9	88.0	88.5	88.7		88.8	88.8	88.8	89.0
2 1500	66.2	75.0	80.5	83.0	86.8	87.6	88.8	89.3	90.0	90.4	90.3	90.7	90.8		90.8	91.0
2 1000	66.6	75.4	81.4	83.5		88.2	89.6	90.6	91.3	91.9	92.2	92.3	92.4		92.4	92.7
≥ 800	1	75.5	81.6	83.7	87.7	88.5	90.0	90.9	91.7	92.3	92.7	92.8	92.9		92.9	93.1
≥ 600	66.7	75.5	81.6	83.7	88.0	88.8	9,.5	91.8	92.7	93.3	93.6	93.7	93.9		93.9	
≥ 400	66.		81.6	83.8	88.1	88.9	9 . 8	92.3	93.7	95.0	95.6	95.7	95.8	95.9		96.4
2 200	66.			83.8	88.3	89.1	91.3	92.9	94.5	96.2	97.1	97.2	97.4	97.5		98.9
≥ 0		7, 75.5						92.9								

TOTAL NUMBER OF OBSERVATIONS\_

92

USAF L AC MICE 0-14-5 (OL A) PREVIOUS EDITIO 45 OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATULOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

THE STATE OF THE

24101 HILL AFB/UGDEN UTAH

66-70,73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING	Carrier and State State Control of		_	***************************************			V-5	IB'LITY STA	TUTE MILE	5						
i feet	≥10	≥6	2.5	≥4	≥ 3	≥2	2.2	≥'i	21.	≥1 !	≥ ′•	≥,	ځ	≥5 16	٤.	≥0
> 20000 > 20000	34.3	- 1	5	44.1	44.8			45.6 46.8				45.7		l i	45.7	
2 18000 2 16000	35.6 36.0	41.7	44.4	45.6	46.3	46.6	46.8	47.1		47.2	47.2		47.2	47.2	47.2	47.5
≥ 14000 ≥ 12000	37.2 38.7		46.2	47.4	48.0		4 .5		49.1 51.5	49.1	49.1	49.1	49.1	49.1	49.1	49.3
≥ 10000	41.7	48.7	51.5	52.6	53.4	53.7	54.0			54.7		54.7	54.7	54.7	54.7	55.0
≥ 8000 ≥ 7000	44.6	51.9	54.7	55.9	56.6	57.1	57.5	57.9 59.4	58.0	58.4		58.4	58.4	58.4	58.4	
≥ 6000 ≥ 5000	48.1 53.2	56.3	59.2	60.5	61.6	62.0	62.6	63.1	63.2	63.5	63.5	63.5		63.5	63.5	63.9
≥ 4500 ≥ 4000	55.7 58.4	64.5	67.5	68.9	70.0	70.4	71.0	71.6	71.8	72.2	72.2	72.2	72.3	72.3	72.4	72•7 76•7
≥ 3500 ≥ 3000	60.7	70.3	73.8	75.5		77.2	77.9	78.6 83.2	78.9	79.3	79.3	79.3		79.4		79.8
≥ 2560 ≥ 2006	65.9	76.8	80.7	82.5		85.1	86.0	86.7 88.1	87.1	87.5 88.9	87.5		87.6	87.6	87.7	88.0
≥ 1800 ≥ 1500	65.9	77.3	81.8	83.5	85.4 86.2	86.5	87.5	88.5 89.3	88.8	89.2	89.2	89.2	89.3	89.3	89.4	89.8
≥ 1200 ≥ 1000	66.1	77.9	82.5	84.8	86.7	87.8	80.8	90.1	90.4	90.8	91.2	91.2	91.3	91.3	91.4	
± 90X ≥ 800	66.1	73.2	83.0	85.3	87.4	88.5	89.5	91.0	91.6	92.1	92.8	92.8	92.9	92.9	93.0	93.3
≥ 700 ≥ 600	66.1	78.2	83.0	85.4	87.5	89.6	89.6	91.3	91.9	92.6	93.2	93.2	\$3.3	93.3	93.4	93.7
2 500 2 400	66.1	78.2		85.4	87.6	89.0	90.7	92.6 92.8	93.4	94.2	95.0		95.1	95.1	95.3	95.6
± 300	66.1	78.7	83.0	85.4	87.8	89.0	90.9	92.9	94.0	95.1	96.5	96.5	96.9	97.0	97.4	97.7
≥ 100 ≥ 11	66.1	78.2	83.0	85.4	87.6 87.8	89.0	90.9	92.9	94.0	95.1	96.9	97.1	97.5		98.4	99.7

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

24101 HILL AFB/CODEN UTAH

66-70,73-77

DEC

PERCENTAGE FREQUENC'S OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

(Entro)							VIS	BILITY STA	TUTE MIE	۲						
er't	10 ء	26	≥ 5	≥4	≥ ≀	≥?	≥2	اخ	≥1 .	2:	٤ ،	≥`•	≥	25 io	≥ .	≥0
NO CEILING	34.2	39.0 41.1			42.8 45.0									44.4		
≥ 18000 ≥ 14000	36.6 37.1				45.6 46.1									47.3		
2 1/2 X) 2 1/2000	38.5 40.6	1	45.6 45.1		47.8 50.4							49.5 52.2	49.6 52.3	49.6 52.3	49.6 52.3	•
≥ 10000 ≥ 9000	44.8		- 4,	53.7	53.6 54.9	55.4	55.9	56.3	56.6	56.8	56.9	56.9	56,9		57.0	57.2
* 8000 2 7000	48.5	54.4	56.7	57.9	56 • н 59 • 2	59.8	64.4	60.9	61.1	61.3	51.4	61.5	61.5	61.5		61.8
≥ 600° ≥ 500×	52.0 56.3	62.8	65.3	66.6	53.3 68.2	68.8	69.4	69.9	70.2	70.5	70.6	70.6	70.7	70.7	70.8	71.0
± 45√0 ± 400√	58.4	68.0	70.8		74.0	74.5	75.3	72.4	76.2	76.5	76.6	76.7	76.8	76.8	76.9	77.1
≥ 3500 > 3030	62.9	72.5	75,8	77.5		80.1	81.0	78.4 81.7	32.0	82.3	82.5	82.6	82.6	82.7	82.8	83.0
≥ 2500 ≥ 2000	66,0	75.1	78.7	80.7	83.1	84.0	85.1	86.0	86.4	86.8	87.0	87.1		87.2	87.3	67.6
≥ 1800 ≥ 1500	66.7		79.4	81.5		85.0		87.3	87.8	87.1 88.3	88.6	88.6	87.4	88.8	88.9	89.1
: 1206 2 1000	66.8	76.1	80.1	82.2	84.4	66.0	67.6		89.8	90.5	90.9	91.0	91.2	91.3		91.6
2 800 2 800	67.0	76.1	80,3	02.5	85.2		88.1		90.6	91.4	92.0	92.2	92.3	92.4	91.8	92.8
2 700 ≥ 600	67.0 67.0	76.2	80.3	82.6	85.3 85.4 85.5	86.6	88.5		91.3	92.4		93.5	93.8		94.0	94.3
7 500 2 400 2 300	67.0	76.2	80.4	82.6	85.5 85.6	86.7	88.8	90.9	92.2	93.6	94.8	95.2		96.0	96.2	96.6
_ 200 _ 100	67.0	76.2	80.4	82.6	85.6 85.6	86.8	88.9	91.2	92.6	94.2	95.7	96.3	-	97.8	98.4	99.2
≥ 0	67.0				85-6								97.2			

USAF ETAC 100 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSCIETE

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

24101 HILL AFB/UGDEN UTAH

66-70,73-78

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL.

CEIUNG							VISI	BILITY STA	TUTE MILE	5						İ
FEET	≥10	≥6	≥5	≥ 4	≥ 3	≥2:	≥ ?	≥i	≥1.	≥1	≥ 4	≥ .	≥	≥5 16	≥ .	≥0
NO CEILING	59.6	01.2	61.6	61.9				62.4			62.5	62.5	62.5	62.5	62.5	62.5
≥ 20000	62.4	63.9	64.4	64.7	65.0					65.3		65.3	65.3	65.4	65,4	65.4
≥ 18000	62.9	64.5	65.0	65.3	65.6	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0
≥ 16000	63.4	65.0	65.5	65.9	66.1	66.2			66.4	66,5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 14000	65.1	66.7	67.2	67.6	67.8	67.9	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3
≥ 12000	67.7	69.4	70.0			70.7	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71,0	71.1
' ≥ 10000	71.3	73.1	73.6	74.0	74.3	74.4	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8
≥ 9500	72.4	74.2	74.8	75.2	75.5	75.6	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75,9	76.0
≥ 8000	74.6	76.5			77.8	77.9	70.0	78.1	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3
≥ 7000	76.6	78.6	79.2		79.9			80.3	80.4	80.4	80.4	80.4	80.4	80.4	80,4	80.5
≥ 6000	.79.4	81.3			82.8		83.0			83.2			83.3	83.3	33.3	83.3
≥ 5000	82.8	85.0	85.8	86.2	86.6	86.8	86.9	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.3
≥ 4500	84.2	86.6	87.4	87.9	88.3	88.4	88.6	88.7		88.8				88.9		88.9
≥ 4000	85.7	88.3	89.2	89.7						90.7						90.9
≥ 3500	86.5	89.2	• •,							91.8						91.9
≥ 3000	87.5	90.5	91.5	92.1	92.7	92.8	93.0	93.2	93.3	93.4	93.4	93.4	93.4	93.5	93.5	93.5
≥ 2500	88.1	91.3	92.4	93.0	93.6	93.8	94.1	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.6	94.6
≥ 2000	88.4	91.7	93.0	93.7	94.4	94.6	94.9	95.2	95.3	95.4	95.4	95.4	95.5	95.5	95,5	95.5
≥ 1800	88.5	91.8	93.1	93.8	94.5	94.7	95.0	95.3	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.7
1500	88.6	92.1	93.5	94.2	95.0	95.2	95.6	95.9	98.0	96.1	96.2	96.2		96.3	96.3	96.3
£ 1200	88.7	92.2	93.6	94.4	95.2	95.4	95.9	96.2	96.3	96.4	96.5	96.6	96.6	96.6	96.6	96.7
, 2 1000	88.7	92.3	93.8			95.7				97.0				97.3	97.3	97.4
> 900	88.8	92.3	93.8	94.6	95.5	95.8	96.3	96.8	96.9	97.2	97.3	97.3	97.4	97.4	97.5	97.5
≥ 800	88.8	92.4	93.8	94.7	95.6	95.9	96.5	96.9	97.1	97.4	97.6	97.6	97.7	97.7	97.8	97.8
≥ 700	88.8	92.4	93.9	94.7	95.7	95.9	9665	97.0	97.2	97.5	97.8	97.8	97.9	98.0	98.0	98 • 1
≥ 600	88.8	92.4	93.9	94.7	95.7	96.0	96.6	97.1	97.3	97.7	98.0	98.1	98.2	98.3	98.3	98 • 4
≥ 500	88.8	92.4	93.9	94.8	95.7	96.0	96.7	97.2	97.5	97.9	98.3	98.4	98.6	98.7	98.7	98.8
400	88.8	92.4	93.9	94.8	95.8	96.0				98.0	98.4	98.6		98.9	99.0	99.1
≥ 300	88.8	92.4	93.9	94.8	95.8	96.1	96.7	97.4	97.6	98.1	98.6	98.7		99.2	99.4	99.5
סחי ב	88.8	97.4	93.9	94.8	95.8			97.4	97.7	98.1	98.6	98.8		99.4	99.6	
یال یے	88.8	92.4	93.9	94.8	95.8					98.1				99.4		99.9
2 9	88.8	92.4	93.9	94.8	95.8					98.1						100.0
·																

TOTAL NUMBER OF OBSERVATIONS 8763

USAF ETAC 1014 0-14-5 (OL A) PREVIOUS SOTTIONS OF THIS FORM ARE OBSOLETE

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U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

#### PART E

#### PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

- 1. Cumulative percentage frequency of occurrence derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
  - a. Daily maximum temperatures
  - b. Daily minimum temperatures
  - c. Daily mean temperatures

MOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

- 2. Extreme values derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTES) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
  - a. Extreme maximum temperature
  - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) \* indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.
- \* Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

- 3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:
  - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares  $(\Sigma X^2)$ , sums of values  $(\Sigma X)$ , means (X), and standard deviations (GX). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

- 4. Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
- 5. Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
  - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
  - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

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USAFFTAC
AIR \*EATHER SERVICE/MAC
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#### DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

HUMIXAM

	TEMP (*F)	JAN	FE8	MAR.	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	100,						1	. 4						•
<u>-</u>	95						3.3	10.0	4.9	. 3				1.0
≥	90					. 3	12.1	42.3	30.2	3,6				7.5
≥	85					2.8	28.2	75,6	01.9	15.7	• 2			15.
≥	80				. 2	12,0	47.0		83.8		1.9			23.
≥	75				3.2		64.8	98.2	92.9	57.8				29.
≥	70			1,0			78.6	99,7	96.9	74.2	24.6	• 1		36.
≥ .	65		• 2	5,2	23.1	64,1	89.4		99.0	85.2		2.1		43.0
≥	60		1.7	12.9	37.9	76.3	96.1		99.9	92.6	61.5	9.8		49.
≥	55	. 3	5.3	22,8	56.0		99.2		100.0		75.8	23.8	• 5	55.9
≥ -	50	3.9		38.6	74.6					99.4	86.2	42.2	4.8	63.4
≥	45	12.6	27.4	56.8		98.0	100.0			99.9		57.9	15.8	71.0
≥	40	28.2	46.0	73.7	95.3	99,6					97.7	73.4	34.0	79.
≥ .	35	48.5		86.9	99.3	100.0			·	100.0		86.6	55.5	86.9
≥ _	30	67.5	82.9		100.0						99.8	96.1	76.5	93.2
	25	82.9									100.0			97.0
≥	20	91.2									A	99.8		98.8
≥	15	96.1	99.8	100.0									78.6	99.
≥	10		100.0									100.0	99.7	99.9
2	5	99.9											99.8	100.0
2	0	100.0											100.0	100.0
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	MEAN	33.4	38.8	46.5	56.4	67.4	77.9	87.9	85.4	75.1	61.7	46.5	35.5	59.4
	s <sub>D</sub>		9.544	10.469	10.060	10.460	9.959	5.571	6.737		10.343		8.804	20.864
	TOTAL OBS	930	847	930			900		930	900			930	10957

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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USAFITAC
AIR WEATHER SERVICE/MAC
24101 HILL AFB/UGUEN UTAH
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#### **DAILY TEMPERATURES**

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MINIMUM

TE	MP (*F)	JAN	FEB	MAR	APP:	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	7.5							1.6					-	
	70						2.2	13.4	5,7	.3				1•'
	65					. 3	1207	47.8		5.4	• 1			8.
	60	-				4.3	29.9	82.9			. 8			18.
	55				1.6			96.7	90.1	45,3	3.9			26.
	50			. 9	7,1	40.1	77.9	99.9			17,5	•6		34.
	45	.1	, 5	3.1	18.7	63.9		100.0			41.7	3.B	.6	42.
	40	1.4		12.9		05.4		- HUN-V M.H.	99.9		67.1	16.6	2.5	52.
	35	8.9		30.0			100.0		100.0		86.1	39.8	8.9	46.
	33	14.3		39,5	76.9	97.0	,			99.8	90.8		12.5	67.
	30	24.9		55.4		99.1				99.0		63.8	23.8	74.
	25	40.4	54.4	77.5					<del>-</del>	100.0		81.8	47.3	83.
	20	59.2	73.3	20.5							100.0	92.6	69.4	90.
	15	73.8			100.0							97.8	86,7	95.
-	10	85.1										99.3	94.5	97.
	5	93.2										99.8	97.8	99.
	0	97.1		100,0									39.2	99.
	-5	99.4	100.0									99.9		99.
	-10	99.8											100.0	100.
	-15	100.0										-3040		100.
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		<u> </u>	;											
	MĒAN	21.1	24.9	30.3	38.1	47.2	55.4	64.1	62.1	52.9	42.6	31.7	23.4	41.
	5 D			8.148	6.943	7.466	7.347	4.909	5.477	7.600	7.278	8.118	8,538	16.54
ĩÒ	TAL OBS	95C			900				930			870		

USAFETAC FORM 0-21-5 (OL 1) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLINATHLOGY BRANCH USAFETAC AJR WEATHER SERVICE/MAC 241U1 HILL AFB/DGDEN UTAH STATION NAME

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#### DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

TIEAN

	TEMP (*F)	JAN	FEB	MAR	APR	MAY	JUN	JIJL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥	85						3	2.0	. 3					2
<u>∻</u> 	80				<u> </u>		5.3	27.2	13.7	7				4.0
≥	75					1.3	19.9		53.9	9.1				12.8
≥	70				, 1	7.5	39,9	91.5		28.6	. 8			21.2
≥	65				1,9	22.0	60.8			54.0	5,5			28.3
≥	60			, 5	8,3	43.3	79.3			72.9	21.6	. 1		35.7
≥	55		. 7	3,3	20.7	65.2	92.4	100.0	99.6	86,3	43.7	2,3		43.1
≥	50		2.1	12.0	38,1	81.2	98.1		100.0		64,2	11.8	-6	50.5
≥	45	2.4	8.5	26.3	62.9	92.5	99.9			98.5	80.9	31.3	2.4	59.1
≥	40	10.3	22.3	46.0	23.2	97.5	100.0			99.8	92.5	53.8	12.3	68.3
≥	35	26.7			95.1					100.0	97.5	70.5	28.6	77.3
≥ ≥ ≥ ≥	30	46.6		84.7	99.4	100.0					99.4	85.6	52.9	86.0
≥ _	25	03.5	79.8	94.1	100.0						100.0	95.3	74.5	92.3
2	20	79.6	90.1									98.6	89.3	96.3
≥	15	88.9										99.7	95.8	98.4
≥	10	95.5	99.1	100.0	1							99.8	98.6	99.4
≥	5	98.2										99.9	99.6	99.8
≥	0	99.6	100.0									100.0	99.8	99.9
≥	-5	99.9											100.0	100.0
≥	-10	100.0												100.0
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·	MEAN	27.4	32.1	38.6	47.5	57.5	66.9	76.2	74.0	64.2	52.4	39.4	29.7	50.5
	- S D			8.995					5.645	8.185	8.447	8.697	8.397	18.540
-	TOTAL OBS	930											903	10833

USAFETAC JUL 64 0-21-5 (OL 1) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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#### **EXTREME VALUES**

WARTON TEMPTRATAKE

(FROM DAILY OBSERVATIONS)

STATION GILL WAS VECT OF THE STATION NAME

KALL BEGGES , MAREHHEIT

MONTH, YEAR	JAN	FEB	MAR.	APR	MAY	אטנ	JUL	AUG.	SEP	ОСТ	МОЛ	DEC	ALL MONTHS
40									92	30	59	4 8	
٠, ٢	41	4 4	67	7'3	34	8	-> 7	9,,	83	75	60	57	3
10	37	67	62	74	82	97	15	93	93	77	60	49	9.
١ د	4 R	5)	63	10	ಶ 🤊	১১	) 7	ر لا	85	77	م ر	48	9
52	47	63	55	74	04	9,5	· 5	92	9.0	77	56	45	9.
3	<u></u>	25	71	7 4	77	96	37	92	69	61	08	45	9
34	51	0 د	6)4	74	91	9.	100	99	80	60	67	23	14)
<u> 55  </u>	44	44	0.5	74	84	23	9段	95	93	79	<u>بەر</u>	>5	9
76	53	49	72	72	89	9 4	77	95	91	ã2	63	づり	9
37	46	58	69	<u> </u>	79	91	194	96	<u>हे</u>	6.2	23	52	94
۸ر	44	85		74	91	90	9.5	97	96	8 1	70	>5	94
27	56	50		હ ર	ઇ ઇ	73 74	-	95	92	75	62	51	98
60	46	ج) د	70	73	89	92	99	94	85	75	Ç4	22	44
<u>_1</u>	49	59	66	73	34	9.3	36	8.7	54	73	54	49	9.
52	51	56	67	6.3	82	93	95	9~	ä7	79	0.3	50 (	90
63	<u> </u>	63	69	75	87	94	99	97	97	प्रध	<u> </u>	38	9.
0.4	42	44	04	70	84	91	97	93	27	77	6.2	56	97
15	49	56	69	7 3	79	87	92	92	78	77	7ن	49	y,
36 1	46	45	<b>68</b>	72	85	92	96	93	27	7:0	65	>2	9.
67	4 8	56	<b>04</b>	67	87	8%	97	9,0	93	<u>80</u>	66	45	9
CA	45	59		75	84	97	100	93	85	75	62	20	10,
(a	5.7	44		76	85	91	104	101	90	71	64	59	10:
77	55	50	59	72	84	94	94	97	90	70	9	49	9
11.	55	54	66	74	34	101	100	95	85	72	62	49	101
12	50	65		71	83	80	99	95		76	58	52	
73	42	46	54	71	85	99	97	97	85	77	ó5	56	94
7.4	52	53		79	δό	9,5	98	92	90	83	59	53	9.
75	47	49		64	79	85	93	93	89	អ្នក	<b>ს</b> 0	50	9.
	43	52		70	83	94	96	96	89	ôi	65	47	71
77	43	55	56	79	90	91	96	93	9.3	71	<b>년</b> 시	23	, پ
MEAN													
S. D													
TOTAL OBS		VOTES							1	ı	· · · · · · · · · · · · · · · · · · ·		

USAF ETAC FORM 0-88-5 (CLI)

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# (AT LEAST THE DAY LESS THAN 24 (FS)

USAF TAL **EXTREME VALUES** AIR LATHER SERVICEY-AC MAYIPU'S TEMPERATORE (FROM DAILY OBSERVATIONS) 24 LCT STATION MILL APHILODE, UTA ! £. and the property canal milit HINOM AL! MONTHS FEB. OCT JAN MAR. JUN. JUL AUG. SEP. YEAR 70 90 Ċ 730 A: TES \* (BASE) & LESS IN F EL G. THS)

# (AT LESS IN FRAY LESS TO F 24 (AS) USAF ETAC FORM 0-88-5 (OLI)

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#### **EXTREME VALUES**

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(FROM DAILY OBSERVATIONS)

741 1 station STATION NAME

ATH LE DEGR. FS GARRESTIT

MONTH	JAN.	FEB	MAR	APR	MAY	NUL	JUL.	AUG	SEP.	ост	NOY,	DEC	ALL MONTHS
4.7											-	3	
49	<u> </u>		23	<u> </u>	37	41	2.2	25	404	- 34	27	101	
J) [	- 1	<b>~</b> 5	17	60	31,	37	45	52	36	35	16	21	
_1	-5	~ 4	14	3(1	33	4.		52	39	30	13.	-21	
25	-4	4	8	24	34	47	23	Įζ	44	33	e,	10;	
23 _ 1	18		17	25	33	44	<u> </u>	<u>53</u>	47	32	18	. ,3	-
54	15	16	19	31	32	37	11	47	36	3 3	2.13	<i>(-</i> )	
25		- 2	<u> </u>	27	الذ	الرو ا	<u> 20'</u>	5/4	41	32	-6	13	
<b>)</b> 6 (	4	- 1	11	24	35	4-1	56	40	اِن خ	2 %	12	2	
<u>7 _ </u>	2	1.3	23	31	35	4.3	2	<b>5</b> 0	3 3	<u>3 1</u>	14	10	
ا 8د	17	20	17	21	41	40	50	53	34	٥6	12	15	
29 _ 1	- 3		21	28	35	45	- 51	52	36	32	10	131	
.,^	4	. 4	17	27	32	41	51	45	40	24	40	15	
41	<u>า</u> บี	15	19	317	33	2]	58	56	25 <sup>1</sup>	- 24	<u> </u>	-2	
67	-2	- 1	15	30	34	3 4	52	40	30	3 21	10	6	
<u> </u>	-17	17	17	- 56	36	42	54		<u> </u>	3 <u>3</u> 32	16 21	91	
Ū4 <u> </u>	2	بخ	6	29	25	44	57	39	39				
25	11	11	13	29	24	45	53	47	28	36	18	<u>_11"</u>	
66	4	5	3	22	32	47	54	40	45	2.7	19	11	
<u>7</u>	<u> 1</u> ä	_ 13	2.1	29	26	41	61	62	42	. 24	15	$-\frac{3}{7}$	
	2	17	26	29	32	47	50	47	3.5	31	11		
76	7	$\frac{9}{3}$	9	29	39	42	50	56	43	27	$-\frac{17}{5}$	2	
10	-1	40	22	20	33	44	70	37 <sub>1</sub>	34		25	3)	
$\frac{71}{12}$	9		6	27	37	43	55	59	<u> 3</u> 3	21	$-\frac{21}{100}$	~6	
/2	~}	1	20	27	28	47	53	49	5 ۋ	23	19	1	
73		12		2.3	35	4 7	54	53 57	- 40°	<u> </u>	17.	<u>2 i</u>	
	-1	취	10	31	36	44	3.3		38		24		
$\frac{15}{76}\frac{1}{7}$	- !!	2	10	1 4	<u>29</u>	37	22	47	43	24	$-\frac{13}{13}$	10	
	1	11	-1	2 R	42		7,1		,		1.3	15	
77 MEAN		14	<u>i 8</u>	25	34	54	<u>اع ز</u>	49	40	35,	15:	12	
S. D	- i							,			<b>-</b> -	بر طیب ہے۔	

H TES \* (BASED LT LLSS TO TE LL JORTHS)

H (AT LEAST THE PAY LESS THAN 24 USS)

USAF ETAC FORM 0-88 5 (OU)

OL FAL CLIMATOLOGY ANALGE CSAF TAG AIN EARTHLE SERVICES MAC **EXTREME VALUES** "I I"U" TOMPERATORE (FROM DAILY OBSERVATIONS) STATION HILL AFET STATION NAME WHOLL UPGO, "S LANGE NALIT ALL MONTHS DEC. MAR. MAY AUG, SEP OCT NOV JAN YEAR T, 15 15 321 18 20 ,3 9.2 13.6 27.2 33.4 (7.7 54.0 51.2 37.4 29.7 15.4 7.6 7.739 6.117 3.71 4.132 4.20 3.449 4.999 5.105 4.137 7.229 6.466 7.47 930 900 330 207 930 930 270 93 270 5.03 17.5 \* (80510 6.165 1 1.66 6.165 1 1.6

'JSAF ETAC FORM 0-88-5 (OLI)

For the property of

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A A MANAGEMENT AND ROOM GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC 2 AIR WEATHER SERVICE/MAC HILL AFB/UGDEN UTAH MAL 67-70,73-78 G PAGE 1 0000-0200 TOTAL TOTAL
D.B. W.B. Dry Bulb Wer Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 ſ 50/ 49 • 1 • 2 48/ 47 46/ 45 • 2 .2 44/ 43 19 . 8 26 26 42/ 41 • 2 40/ 39 38/ 37 35 35 39 39 1.3 1.5 1.0 11 2 2.7 1.8 2 2.5 60 36/ 60 53 20 { 33 53 53 68 34/ 76 32/ 21 76 45 .5 2.9 3.1 .3 3.1 3.0 65 65 48 30/ 29 28/ 27 65 65 77 51 ( .5 3.3 4.9 85 85 71 25 26/ 61 54 54 78 24/ 23 1.3 3.7 €. 5% 56 22/ 21 .3 3.2 2.4 63 .4 2.8 2.4 .4 3.9 2.5 54 62 20/ 19 54 67 17 63 63 65 76 18/ . 3 3.1 66 €. 16/ 15 30 62 14/ 13 2.7 22 22 28 12/ 11 2.0 29 29 31 10/ .3 2.5 16 16 52 8/ 1.7 20 38 6/ • 4 10 34 10 12 25 2/ 1.2 0/ -2/ -3 15 7 -6/ -7 -8/ -9 -10/-11 -12/-13 TUTAL 5.344.334.6 9.6 4.2 1.8 930 930 Mean No. of Hours with Temperature Element (X) No. Obs. 63796 4535818 715523 930 Rel. Hum. 68.613.175 ≤ 0 F ≤ 32 F ≥ 73 F ≥ 80 F ≥ 93 F 93 69.2 78.1 25.810.111 Dry Bulb 24023 930 .51 93 564599 21325 22.9 9.022 93 349210 15322 90.4 0.6

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GLOBAL CLIMATOLUGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC JAN HILL AFB/UGDEN UTAH (7-70,73-78 0300-0500 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Poin 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 50/ 49 48/ 47 46/ 45 • 3 12 • 2 42/ 41 40/ 39 17 17 1.2 31 31 € 21 38/ 37 1.3 . 8 2.3 59 59 42 60 33 66 63 3.1 65 59 65 32/ 31 80 36 1.9 2.2 3.1 2.7 30/ 29 . 8 61 €. 28/ • 4 86 72 67 60 86 26/ 25 3.8 58 50 23 58 24/ 1.7 3.9 62 .4 3.3 2.5 .2 3.7 2.0 58 58 68 22/ 21 20/ 19 18/ 17 55 55 83 55 .3 3.2 2.8 1.2 3.7 1.2 54 63 44 44 16/ 15 13 67 48 48 40 14/ 29 58 29 3.0 12/ 11 25 38 10/ 9 21 21 35 5 • 2 3 12 6/ 8 49 8 13 23 13 2/ 1 1.4 27 -2/ -3 (OL A) -4/ -5 -6/ -7 -9 -8, -10/-11 -12/-13 -14/-15 Mean No. of Hours with Temperature ≤ 0 F 267 F 273 F 280 F Dry Bulb Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC 24101 HILL AFB/DGUEN UTAH
STATION NAME JAN 67-70,73-78 PAGE 2 0300-0500 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point TUTAL 5.346.833.0 9.8 3.4 1.2 930 930 æ 0.26.5 (OL X 7, 68,912,948 No. Obs. Hean No. of Hours with Temperature Element (X) 930 930 64090 4572440 ± 32 F 68 • O ₹ 93 F Rel. Hum 2 0 F ≥ 67 F = 73 F = 80 F 685827 25.110.334 23357 1.0 Dry Bulb 93 22.3 9.264 78.9 Wet Bulb 543367 20765 930 1.9 15.910.419 91.3

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GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

24101 HILL AFB/UGDEN UTAH 67-70,73-78

PAGE 1 0600-0800
HOURS (L, S. T.)

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GLOBAL CLIMATULOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC 24101 HILL AFB/UGDEN UTAH
STATION STATION NAM 67-70,73-78 PAGE 2 0600-0800 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) Temp (F) TOTAL TOTAL 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 - 10 | 11 . 12 | 13 . 14 | 15 - 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 - 24 | 25 - 26 | 27 . 28 | 29 . 30 | D.B./W.B. Dry Bulb Wet Bulb Dew Poin 5.449.432.3 8.2 2.9 1.0 TUTAL 930 930 930 930 õ Element (X) No. Obs. Mean No. of Hours with Temperature 4595927 64329 930 Rel. Hum. 930 22758 93 24.510.528 1.3 659870 69.4 Dry Bulb 524008 20242 21.8 9.477 930 2.0 80.0 93

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

TOTAL STATE

#### PSYCHROMETRIC SUMMARY

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HILL AFB/OGDEN UTAH 24101 STATION JAN 67-70,73-78 0900-1100 HOURS (L. S. T.) PAGE 1

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 24101 HILL AFB/LIGDEN UTAH JAN 67-70,73-78 0900-1100 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 | 28 | 29 - 30 | 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 4.841.832.314.1 4.9 2.0 TUTAL 930 930 67.312.864 No. Obs. Element (X) 2 x 62629 Mean No. of Hours with Temperature 930 4371357 10 F ≤ 32 F ≥ 67 F ≥ 73 F Rel. Hum 24475 930 740441 26.310.183 65.0 Dry Bulb •6 Wet Bulb 578855 21625 23.3 9.046 930 1.3 77.6 930 350302 16.510.184 90.5 15368 6.4 Dew Point To the Section to State Section, devices a fine and find and the

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USAFFTAC AIR MEATHER SERVICE/MAC HILL AFB/OGDEN UTAH 67-70,73-78 WET BULB TEMPERATURE DEPRESSION (F) (F) 1-2 3-4 5-6 52/ 51

#### **PSYCHROMETRIC SUMMARY**

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PAGE 1 1200-1400 HOURS (L. S. T.) TOTAL TOTAL D.B. W.B. Dry Bulb 9 - 10 11 - 17 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 28 29 - 30 + 31 Wet Bulb Dew Poin 50/ 49 48/ 47 . 3 14 14 18 18 44/ 43 17 17 42/ 41 38 38 39 40/ 2.7 2.8 69 13 38/ 2.6 . 9 73 13 40 3.1 36/ 35 2.9 2.4 82 82 65 34/ 33 74 74 103 32/ 31 1.5 2.0 58 58 63 80 1.5 4.1 2.7 4.1 2.0 3.4 2.7 2.5 30/ 29 81 81 32 58 27 28/ 84 84 59 28/ 25 23 60 60 91 85 49 53 57 22/ 21 . 2 3.1 1.7 . 2 78 49 49 20/ 44 44 84 17 15  $\frac{2.2}{2.0}$ 18/ 35 35 81 48 . 8 16/ 26 61 26 37 13 . 8 14/ • 1 48 ß Я 12/ 10 10 45 13 10/ 9 1.2 13 10 48 8/ .6 48 6 13 6/ 27 4/ 20 15 0/ 8 <del>-</del>2/ -3 7 -6/ -7 -8/ -9 -10/-11 -12/-13 Element (X) Mean No. of Hours with Temperature 10F Dry Bulb Wet Bulb

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GLOBAL CLIMATULUGY BRANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 24101 HILL AFB/UGDFN UTAH 67-70,73-78 PAGE 2 1200-1400 HOURS (L. S. T.) Temp (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Bulb Wer Bulb Dew Poin 2 - 32 | 8 - 4 | 37 - 0 | 2 - 3 | 3 - 2 | 5 | 930 | 930 | 930 TOTAL 930 930 No. Obs. Element (X) Mean No. of Hours with Temperature z<sub>x</sub> 59788 64.313.320 30.1 9.085 930 4008486 132 F 53.1 69.2 Rel Hum <u>930</u> 27984 93 918718 Dry Bulb 700296 93 Wer Bulb 24442 26.3 7.896 17033 Dew Point

GLOBAL CLIMATOLUGY BRANCH USAFFTAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 24101 STATION HILL AFB/UGDEN UTAH (,7-70,73-78 PAGE 1 1500-1700 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | + 3 .3./W.B. Dry Bulb Wet Bulb Dew Poin 56/ 55 54/ 53 52/ 51 50/ 49 9 48/ 47 • 3 46/ 45 22 .3 . 3 22 22 44/ 43 22 . 8 53 53 7 40/ 39 69 69 18 77 37 77 38/ 79 36/ 35 65 65 34/ 33 72 107 1.5 2.8 2.5 1.6 3.1 3.2 32/ 31 69 69 89 69 72 82 82 30/ 29 78 74 79 28/ 27 3.1 3.2 79 66 •6 2.0 3.8 67 67 98 63 26/ 1.1 1.6 2.9 57 85 61 23 24/ 99 42 58 35 69 20/ 2.2 35 60 1.9 18/ 17 30 71 1.1 30 36 23 58 15 23 16/ 1.8 • 6 36 56 10 14/ 13 .5 10 25 12/ 17 40 11 •4 10 8/ • 1

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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC HILL AFB/OGDEN UTAH JAN 67-76,73-78 PAGE 2 1500-1700 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 +31 3-4 26-335-62-9 7-6 3-2 -8 -1 D.B./W.B. Dry Bulb Wet Bulb Dew Point . 8 TUTAL 930 930 930 € Element (X) Mean No. of Hours with Temperature 54.413.480 30.7 8.908 26.8 7.687 59848 930 4020178 Rel. Hum. 20 F ⊴ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 930 949131 28533 52.3 FET Dry Bulb 723237 24931 Wet Bulb 930 67.2

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#### **PSYCHROMETRIC SUMMARY**

JAN 07-70,73-78 HILL AFB/OGDEN UTAH 1800-2000 PAGE 1 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 > 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7.8 52/ 51 3 6 6 50/ 49 TI11 48/ 47 . 5 15 15 • 2 46/ 45 21 21 44/ 43 38 38 42/ 41 1.6 1.5 38 38 18 39 1.5 1.3 •6 40/ 48 48 25 2.3 38/ 37 71 71 3 35 64 2.6 3.3 1.5 36/ 71 71 83 33 34/ 64 64 89 32/ 31 2.2 3.0 94 94 71 66 30/ 30/ 29 28/ 27 53 74 70 1.9 2.8 53 66 1.0 58 74 93 2.9 2.8 2.3 2.9 2.4 2.5 70 70 82 61 23 55 82 55 21 19 .6 70 22/ 51 71 62 20/ 74 34 43 1.8 18/ 34 49 59 16/ 15 2.4 51 16 13 16 36 14/ . 2i 1.4 15 19 46 15 20 12/ 11 1.6 34 19 10/ 15 15 17 51 8/ 9 44 6/ 26 3 4/ 2/ 0/ -1 12 -2/-3 $\Pi$ -5 -6/ -7 -8/ -9 -10/-11 930 5.5 5.435.836.214.1 TOTAL 930 930 No. Obs. Mean No. of Hours with Temperature Element (X) 67.314.120 28.1 9.624 24.9 8.443 43971**7**9 822568 930 62587 ± 32 F 10F Rel Hum 93 930 60.8 73.5

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 24101 HILL AFB/DGUEN UTAH STATION NAME JAN 67-70,73-78 13 2100-2300 WET BULB TEMPERATURE DEPRESSION (F) 1 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | > 31 D.B. W.B. Dry Suih Wet Bulb Dew Poin 52/ 51 •1 50/ 49 1. 11 48/ 47 11 Я 8 44/ 43 24 1. .3 1.0 42/ 41 21 40/ 39 .3 2.0 1.4 43 43 .6 38/ 37 48 48 1.0 2.6 1.2 55 36/ 35 55 31 .1 2.8 3.7 1.3 69 .9 2.5 3.4 1.2 .2 2.3 3.3 1.2 74 61 74 88 28/ 27 65 65 .3 3.9 2.9 1.1 .0 3.1 2.4 .4 61 68 61 22/ 21 56 56 .6: 2.0: 3.2 58 58 20/ 19 .8 3.2 2.2 39 39 63 2.3 1.7 15 3.4 .0 65 13 26 26 49 2.3 27 12/ .2 1.5 17 44 17 .1 1.6 8/ 16 16 37 1.1 36 4/ 17 0/ -1 12 -2/ 8 13 -6/-7-8/ -9 TOTAL 5.340.495.812.5 3.0 2.8 930 930 Element (X) No. Obs. Mean No. of Hours with Temperature 63550 4517322 68.313.715 930 Rel. Hum 93 27.0 9.781 Dry Bulb 767001 25113 930 .3 64.3 930 604310 22278 24.0 8.720 76.0 93 Wet Bulb 90.1 16241 THE PROPERTY OF THE PROPERTY OF THE PARTY OF

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William Charles (April 1974)

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GLOBAL CLIMATOLUGY BRANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR MEATHER SERVICE/MAC 67-70,73-78 JAN HILL AFB/UGDEN UTAH ALL HOURS IL. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Port .0 56/ 55 52/ 51 48/ •6 38/ 36/ 30/ 26/ 20/ 12/ 2.1 8/ 13 0/ -8/ -9 -10/-11 Element (X) Mean No. of Hours with Temperature Dry Bulb

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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFFTAC AIR WEATHER SERVICE/MAC HILL AFB/UGUEN UTAH 67-70,73-78 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F)

O 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poir Temp. (F) -12/+13 -14/-15 TUTAL 7440 4.639.234.614.0 4.9 2.3 .0 7440 7440 Element (X) ZX No. Obs. Mean No. of Hours with Temperature 3501F713 500617 7440 ± 0 F 202415 178721 7440 3.8 501.1 Dry Bulb 6259079 27.210.055 24.0 8.877 7440 744 7.0 600.5 4879321 Wet Bulb

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC 24101 HILL AFB/OGDEN UTAH

### **PSYCHROMETRIC SUMMARY**

FEB 67-70,73-78 0000-0200 HOURS (C. S. T.)

Tem	P						WET	BULB 1	EMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F	) <u> </u>	0	1 . 2	3 - 4	5 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
54/	53					.2													2	2		
52/	51				• 1					.1									2	2		
50/	49					• 1			. 2										3	3		
48/	47	_					• 4												3	3		
46/	45			• 2	.9	• 1	• 9				i -								19	19	3	
44/	43		. 1	.6	.9	•6	• 1								L				20	20		
42/	41		• 1	.4	1.2	1.2	• 2	•2											28	28	8	
40/				1.1	1.1	1.5	•7												37	37	12	3
38/	37		.5	2.5			• 1												58	58	21	6
36/	35	. 5	1.2			2.6		<u>[</u> ]		L	<u> </u>								88	88	45	10
34/	33	. 8		2.7															80	80	71	19
32/	31	. 2				• 1					<u> </u>								91	91	94	35
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28/	27	.6	3.1	2.5	.9										$\perp$				60	60	105	63
26/	25	. 9		4.6	.5														78	78	88	58
24/	23	. 5	2.0	2.7	<u> </u>														44	44	66	69
22/	21	. 1	3.4	2.0															47	47	71	78
20/	19	. 4		2.5		L				L									45	45	50	82
18/	17	. 2	2.7	1.3															36	36	43	92
16/	15	.2	1.1	.2						[									13	13	39	76
14/	13	. 1								[									6	6	14	50
12/	1.1		.7	.1	<u></u>														7	7	5	56
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										]				l								
Elemen	nt (X)		Σχ²		<del> </del>	ZX		<u> </u>	•,	<u>'                                    </u>	No. OI	3.	i		لـــــل	Mean No	o of Ho	urs wit	h Tempera	ture	<u></u>	·
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Wet Bu				7636		225		26.6				46			68.1		_		<del>                                     </del>		_	84
Dew P				6214		168		19,9	7.6	72		46			80.2		_		<del>                                     </del>	<del> </del>		84

GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC HILL AFB/OGDEN UTAH 07-70,73-78 MONTH PAGE 1 0300-0500 WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) D.B. W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 54/ 53 52/ 51 50/ 49 . 1 48/ 47 46/ 45 . 2 13 44/ 43 .6 16 16 20 20 42/ 41 33 33 38/ 51 31 20 36/ 35 68 68 40 21 27 A9 33 89 76 2.7 3.6 2.5 82 82 32/ 307 1.4 3.0 100 100 87 6.0 1.1 74 74 4.3 3.1 26/ 55 55 102 52 23 52 59 82 39 39 21 64 81 43 43 3.1 18/ 35 43 96 33 61 33 13 1.8 20 9 17 1.1 10/ 36 8/ ī 6/ • 1 2/ 0/ -1 -4/ 845 TOTAL 6.933.035.116.9 6.4 845 845 No. Obs. Mean No. of Hours with Temperature Element (X) 57331 67,813,801

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29.1 8.063

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± 32 F

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Rel. Hum.

Dry Bulb

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

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Temp.						WET	BULB T	EMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
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6/ 45				•6		•6				<u> </u>				<u> </u>			<b> </b>	10	10	3	
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8/ 27	•5	4.3	4.4	. 8						<del> </del>				-		<del> </del>	<del> </del>	84	84	120	
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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 24101 HILL AFB/UGDEN UTAH FEB 0900-1100 PAGE 1 D.B./W.B. Dry Bulb WET BULB TEMPERATURE DEPRESSION (F) TOTAL 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 Wet Bulb Dew Poir 56/ 55 52/ 51 13 50/ 49 13 19 48/ 47 18 46/ 45 18 43 23 23 38 38 11 42/ 41 53 53 13 60 60 28 1.1 74 39 33 92 96 96 96 60 30/ 29 1.6 3.1 60 100 28/ 27 94 65 82 60 99 25 2.5 60 26/ . 6 3.8 23 21 84 60 2.1 37 73 •1 47 2.1 99 33 33 17 25 39 2.4 29 60 2.8 30 53 13 27 2 10/ 26 6/ •1 2/ 0/ -2/-3-6/ -7 846 4.129.23c.420.010.2 4.7 1.4 846 TOTAL No. Obs. Element (X) Meon No. of Hours with Temperature 54845 Rel Hum 64.814.549 846 26439 31.3 8.564 46.3 Dry Bulb 88R241 846 27.3 7.053 20.1 7.824 23081 671739 846 64.6

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

24101 HILL AFB/UGDEN UTAH

# **PSYCHROMETRIC SUMMARY**

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STATION				51	ATION N	AME								ΥE	ARS					MON	ITH
																		PAGE	. 1	1200-	
													<i></i>					<del>, ,</del>		HOURS (L	S. T.)
Temp (F)						WET	BULB	EMPER	ATURE	DEPRE	SSION	(F)	,					TOTAL		TOTAL	
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No. Obs.

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67-70,73-78

USAFETAC FOLM 0.26.5 (OLA)

Element (X)

Dry Bulb

Wet Bulb

3151287 1171099 832406

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

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STATION				51	ATION N	ME								YE	ARS			PAGE	1	1500-	-1700
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SAFETAC FORM O

GLOBAL CLIMATOLUCY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR JEATHER SERVICE/MAC 24101 HILL AFB/UGDEN UTAH STATION NAME FEB 1,7-70,73-78 1800-2000 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 21 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 56/ 55 52/ 51 14 50/ 49 48/ 47 32 32 44/ 43 .8 2.5 62 15 42/ 41 2.0 59 59 28 2.0 3.2 59 76 85 80 34/ 33 80 105 88 88 30/ 29 49 49 23 60 38 38 22/ 21 .5 2.0 39 98 26 7 51 .5 3 13 10/ 6/ 0/ -1846 846 846 Element (X) Mean No. of Yours with Temperature 53550 63,315,530 846 ≾ 32 F 36.7 84 Dry Buls 1042611 28915 34.2 8.019 846 846 84 25065 54.7

GLOBAL CLIMATOLEGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC 24101 HILL AFB/OGDEN UTAH 07-70,73-78 2100-2300 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 54/ 53 • 2 52/ 51 50/ 49 46/ 45 25 42/ 71 71 .5 2.5 2.6 .5 3.9 3.5 38/ 37 38 81 81 62 62 5.0 2.0 100 100 29 27 25 99 97 73 2.6 3.5 2.0 30/ 59 59 28/ 26/ 59 65 2.0 3.5 36 75 36 22/ 21 2.4 39 18/ 17 24 13 10/ 7 | 6/ 5 10 2/ -2/ -3 846 4.524.336.470.0 9.3 4.6 846 846 846 No. Obs. Element (X) Mean No. of Hours with Temperature 65,214,778 846 ± 32 F 918358 699476 27058 Dry Bulb 32.0 7.916 846 44.6 28.0 6.546 846 84 Wet Bulb 23688

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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFFTAC AIR WEATHER SERVICE/MAC HILL AFB/OGDEN UTAH 07-70,73-78 PAGE 1 ALL WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 60/ 59 58/ 57 27 27 56/ 55 41 54/ 53 52/ 51 41 82 82 • 2 .1 116 116 50/ 49 150 150 48/ 47 •8 194 194 44 .0 46/ 45 232 232 38 14 306 42/ 41 40/ 39 1.5 306 100 .7 395 395 202 .3 1.0 2.0 516 39 516 302 38/ 37 609 609 487 TIT 1.2 3.3 2.8 36/ 35 638 201 638 670 34/ 33 1.8 2.9 3.7 671 31 2.6 3.8 2.3 671 767 314 32/ 4.1 1.6 587 774 360 30/ 29 513 513 786 28/ 27 3.2 629 433 433 681 26/ 3.0 313 633 24/ 23 1.8 2.3 291 408 291 708 22/ 21 235 235 326 698 19 20/ 2.0 1.2 163 620 163 266 1.6 508 .1 1.4 114 114 166 16/ 15 401 1.0 80 13 33 337 33 72 12/ 11 8 26 166 10 7 8/ a •0 6/ ತ 4/ 3 0/ <u>-6/ -7</u> Mean No. of Hours with Temperature Element (X) \*73 F | \*80 F | \*93 F ± 32 F Dry Bulb Wer Bulb

Dew Point

200-20 2018-213

GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC HILL AFB/OGDEN UTAH 67-70,73-78 ALL WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 | 1 · 2 | 3 · 4 | 5 · 6 | 7 · 8 | 9 · 10 | 11 · 12 | 13 · 14 | 15 · 16 | 17 · 18 | 19 · 20 | 21 · 22 | 23 · 24 | 25 · 26 | 27 · 28 | 29 · 30 | 4 · 8 | 25 · 13 1 · 5 | 0 · 2 | 9 · 9 | 5 · 2 | 2 · 2 | · 7 | · 4 | · 1 | 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin TOTAL 6766 6766 € C C C € C ₹ 0.26.5 (OL No. Obs. Mean No. of Hours with Temperature 6766 433920 ± 32 F 7598126 218826 32.3 8.783 6767 342.9 Dry Bulb 672 28.1 6.993 488.4 672 5672502 190110 6766 Wer Bulb 140433

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

HILL AFB/LEDED UTAH .,7-70:73-78 PAGE 1 0000-0200 HOURS (L. S. T.) WET BULB TEMPERATURE DEFRESSION (F) Temp (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb De.r Poin 58/ 37 8 8 g Q 12 13 45 49 49 52 32 42/ 41 63 63 43 40/ 86 86 69 83 83 25 36/ 112 87 87 94 93 93 90 32/ 31 75 75 62 56 98 28/ 27 2.4 1.3 56 35 35 08 26/ 20 20 56 13 83 14 14 20/ • 8 20 94 16/ 6 9 12/ 8/ 6/ 4/ 2/ 0/ 930 TUTAL 3.017.027.522.714.4 7.6 5.1 930 930 Einstent (X) No. Obs. Mean No. of Hours with Temperature 3672605 60.516.941 Rel. Hum. 56281 930 1255135 908453 930 33141 35.6 8.933 34,3 Dry Bulb 930 28333 30.5 6.981 54.5 Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC MAR HILL AFB/OGDEN UTAH 0300-0500 PAGE 1 TOTAL TOTAL Temp. WET BULB TEMPERATURE DEPRESSION (F) 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 58/ 57 • 3 56/ 55 8 8 54/ 53 8 52/ 51 50/ 49 1.1 28 48/ 47 28 .5 38 38 46/ 45 1.1 46 46 1.0 44/ 43 .6 47 42/ 41 47 30 1.4 3.2 84 84 40/ 39 73 73 53 16 38/ 37 2.8 2.2 1.3 . 1 . 1 74 34 74 3.3 3.5 110 33 .9 81 81 39 105 105 90 34 2.0 31 4.8 32/ 3.2 2.3 1.8 66 30/ 29 4.1 86 86 91 27 71 105 79 28/ 1.6 4.1 53 53 25 26/ 2.7 1.3 19 69 23 1.0 16 15 81 16 42 22/ 21 95 33 20/ 19 81 .3 17 11 11 18/ • 1 87 . 8 16/ 10 10 26 14 13 . 6 28 12/ 11 30 10/ 23 8/ 16 6/ 4/ 12 ব 11 2/ õ 0/ 0.26.5 -2/ 930 930 4.319.531.023.511.4 6.2 1.8 TOTAL 930 930 Element (X) No. Obs. Mean No. of Hours with Temperatu 930 3902263 58329 62.716.203 ≤ 32 F Ret. Hum. 930 31655 34.0 8.843 41.5 93 Dry Bulb 1150101 58.9 93 27357 29.4 7.175 930 852565 93

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

24101 HILL AFB/UGDFN UTAH

# PSYCHROMETRIC SUMMARY

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GLOBAL CLIMATOLUCY BRANCH USAFETAC AIR HEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

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Wet Bulb									<del></del>						<del> </del>			1	-		
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USAFETAC FORM 0.

CLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC HILL AFB/OGDEN UTAH MAR 67-70,73-78 1 PAGE 2 0900-1100 WET BULB TEMPERATURE DEPRESSION (F) ₹ 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 D.B. W.B. Dry Bulb 0/ -1 2.914.819.6 3.3.0.110.5 7.5 3.3 2.9 TOTAL 930 930 No. Obs. Mean No. of Hours with Temperature 52738 56.717.802 3285068 930 38.4 9.789 32.2 7.147 23.0 8.008 1458210 1009524 35684 930 25.4 Dry Bulb 930 Wet Bulb 29912 47.8

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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HILL AFB/UGDEN UTAH

#### **PSYCHROMETRIC SUMMARY**

MAR

PAGE 1 1200-1400 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 70/ 69 •2 68/ 67 66/ 65 64/ 63 20 20 .8 .5 .4 .1 62/ 61 1.1 •1 16 .4 60/ 59 58/ 57 .6 32 32 56/ 55 .6 1.6 49 52/ 51 35 • 6 1.6 53 50/ 49 • 6 10 44 48/ 47 54 46/ 45 54 35 . 9 **57** 57 44/ 43 71 1.0 80 80 40/ 39 98 37 68 68 98 38/ 1.2 35 66 56 71 36/ 50 50 106 43 43 99 32/ 29 86 83 30/ 27 28/ 24 60 15 17 15 86 26/ 25 48 77 17 21 12 88 22/ 76 20/ 19 16 18/ 60 59 16/ 13 14/ 10/ 8/ 10 6/ Element (X) Mean No. of Hours with Temperature Rel Hum. ≥67 F | ≥ 73 F | ≥ 80 F ± 0 F Dry Bulb Wet Bulb

67-70,73-78

USAFETAC FORM 0.26-5 (OL. A) REINSED MENOUS EX

GLOBAL CLIMATOLDGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC MAR HILL AFB/UGDEN UTAH MONTH PAGE 2 1200-1400 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 2/ 0/ -1 930 1.010.411.317.114.713.911.5 7.3 5.4 3.9 1.8 TOTAL 930 930 0 Element (X) No. Obs. Mean No. of Hours with Temperature 930 2650199 49.819.127 Rel. Hum. 46353 ⊴ 32 F ≥ 67 F 43.110.686 34.8 6.977 23.7 7.684 Dry Bulb 1832360 40068 930 15.2 1170859 32355 930 35,5 Wet Bulb 930 Dew Point

GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/ IAC HILL AFB/DGDEN UTAH 67-70,73-78 MAR PAGE 1 1500-1700 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 70/ 69 10 10 68/ 67 66/ 65 64/ 63 28 .6 1.6 28 62/ 61 25 25 60/ 59 . 3 . 3 37 37 58/ 57 29 56/ 55 27 27 1.4 1.9 54/ 53 1.0 46 46 1.7 52/ 51 1.0 47 47 51 50/ 49 1,6 51 51 51 1.0 63 63 46/ 76 76 42/ 40/ 39 1.0 79 79 113 37 38/ 50 18 30 1.6 50 1.0 98 47 47 36/ 35 1.8 93 33 43 1.3 51 27 32/ . 8 90 27 30/ 29 1.4 27 22 86 63 25 18 18 102 26/ • 1 1.2 23 8 105 ß 22/ 21 61 20/ 62 ,37 17 16/ 64 13 31 10/ 23 8/ 11 5 Element (X) No. Obs. = 0 F Dry Bulb Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAR HILL AFB/UGDEN UTAH (.7-70,73-78 MONTH PAGE 2 1500-1700 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 . 2 3 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 2/ 1 0/ -1 TUTAL 7.612.313.213.915.513.0 8.3 4.7 4.0 4.1 1.4 929 929 929 C No. Obs. 24C 738 47.219.091 929 43826 Rel. Hom. ≤ 32 F 267 F 273 F 280 F 293 F 929 Dry Bulb 1930138 41180 44.310.624 13.5 1199371 32779 35.3 6.791 929 32.1 93 Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC HILL AFB/UGDEN UTAH 67-70,73-78 MAR 0 PAGE 1 1800-2000 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 68/ 67 66/ 65 63 13 62/ 61 13 60/ 59 58/ 57 19 19 .5 25 55 30 30 1.0 33 33 .8 17 46/ 45 60 60 62 71 62 2.0 71 40/ 2.2 3.0 2.0 85 85 73 38/ 37 80 80 97 35 36/ 67 98 67 60 60 101 40 74 108 30/ 1.0 35 35 90 91 27 23 86 26/ 25 18 62 96 • 6 15 12 27 74 10 10 11 20/ 19 8 B 10 72 18/ 17 67 58 28 32 ತ 10/ 21 8/ 6/ 16 2 Element (X) Rel. Hum. Dry Bulb

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 24101 HILL AFB/UGDFN UTAH
STATION NAME MAR 57-70,73-78 PAGE 2 1800-2000 Temp (F) WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 2.2 9.616.118.818.112.810.2 5.4 3.3 ..4 930 TOTAL 930 930 õ Element (X) Mean No. of Hours with Temperature 52.418.343 40.9 9.823 33.6 6.820 23.2 7.993 2869159 48761 267 F 273 F 280 F 293 F ± 32 F 930 1647894 38068 18.9 Dry Bulb 1091999 31231 Wet Bulb 40.9

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC HILL AFB/UGDEN UTAH

**PSYCHROMETRIC SUMMARY** 

PAGE 1

2100-2300

Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION	F)						TOTAL	·	TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8					17 - 18			23 - 24	25 . 26	27 - 28	29 - 30	e 31	D.B./W.B.	Dry Bulh		Dew P
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8/ 57					ļ	•2		.4	.3	.2								13	13	1	
56/ 55					<b></b>	,4		.4	•5	•2					<del> </del> -	<del> </del>		21	57	<del></del>	├
54/ 53					.1	•4		.6	.2	, , _								31	31	l	1
2/ 51			• 3		•2	• 5	1.2	.4	•4						<del></del>			29	29		├──
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8/ 47				1.1	•9	2.0		•2							i			31	51	<del>-</del> -	<del> </del>
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4/ 43		. 8	.9	1.1	2.0	1.1	.6	<b></b>							<del> </del>			60	60	25	
2/ 41		.8	• 3	1.3	1.7	•9			l			- 1	j					47	47	58	
0/ 39		•2	1.3	2.2	1.3	1.6												62	62	56	<del> </del>
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et Bulb			1723		294		31.7		16	9:	0		5	0.9					1		
ew Point		533	3561		210	15	22.6			93	1.1			34.5					-		

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR JEATHER SERVICE/MAC

24101 HILL AFB/UGDEN UTAH
STATION STATION NAM

# **PSYCHROMETRIC SUMMARY**

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2/ 61				j			.1		,2	.3	•2	•1		<del> </del>	j			58	58		
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4/ 3		<u> </u>			<u></u> _	<u> </u>	<u></u>	<u>L</u>	L	<u> </u>	1							<u>]                                     </u>		<u></u>	
lement (X)		Σχ'			z <sub>X</sub>		X	<b>"</b> ,		No. O	bs.				Mean N	la. of Ha	urs wi	th Temperat	ur•		
Rel. Hum,												± 0 ∣		s 32 F	≥ 67	F	73 F	≥ 80 F	• 93	F	Total
Dry Bulb																					
Wet Bulb																					
Dew Point				)		1		ì	1		ì		1 -		1	1 -		1	1	1	

37-70,73-78

GLOBAL CLIMATOLUGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 24101 STATION HILL AFB/UGDEN UTAH 1.7-70,73-78 MAR MONTH PAGE 2 ΛLL HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 | 26 | 27 - 28 | 29 - 30 | D.B./W.B. Dry Buth Wet Bulb Den Poin 1 . 2 × 31 0/-130 -2/ -6/-73.014.021.120.614.510.2 7.4 4.6 2.4 1.5 .9 7439 7439 C 8 õ z<sub>x</sub> 417984 Element (X) Mean No. of Hours with Temperature 56,218,510 38,510,324 26034086 7439 Rel. Hum. = 0 F 267 F 273 F 250 F ± 32 F Total 11791236 286038 7439 221.2 Dry Bulb 8043192 238450 32.1 7.332 7439 381.9 744 Wet Buth 168525

GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC ΔPR HILL AFB/GGDEN UTAH 67-70,73-78 MORTH PAGE 1 0000-0200 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 +31 D.B. W.B. Dry Buib Wet Buib Daw Point 64/ 63 62/ 61 60/ 59 15 58/ 57 56/ 55 .3 .9 20 20 .6 1.1 1.9 .3 34 34 54/ 53 1.0 52/ 51 28 28 .6 •4 50/ 49 37 37 1.7 1.1 63 63 48/ 47 .6 1.2 1.8 1.1 75 75 1.6 1.9 2.7 1.0 38 46/ 45 1.0 .6 2.1 3.2 69 69 54 44/ 43 3.7 102 102 59 2.0 4.4 42/ 41 68 AA 40/ 39 68 1.0 2.0 2.2 18 81 38/ 37 81 123 2.6 82 82 103 36/ 35 2.6 2.1 34/ 33 75 75 55 128 2.4 2.0 86 60 32/ 31 3.6 1.0 60 92 90 105 25 25 27 56 110 87 104 81 19 20/ 39 18/ 35 15 12/ 1.112.616.120.919.812.4 6.8 4.3 3.9 1.2 900 900 TOTAL 900 900

No. Obs.

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3058477

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55.517.972 41.9 8.138

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Mean No. of Hours with Temperature

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≤ 32 F

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30.3

2

FOR 25

Element (X)

Rel Hum

Dry Bulb

Wet Buib

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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**決定を認めませる。** 

### **PSYCHROMETRIC SUMMARY**

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																		PAGE	1	0300-	
						WET	0111 0	TEUDE	2 A T/10 E	DEPRE	CCION	/E\						TOTAL		TOTAL	
Temp (F)		1 - 2	3 - 4	5 - 6	7 - 8								23 . 24	25 - 26	27 - 28 2	9 - 30	× 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Por
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Element (X)		Σχ <sup>2</sup>	<u> </u>	<del>                                     </del>	Σχ		X	1		No. Ol	bs.		<u></u>		Mean No	. of Hou	ITS WIT	h Temperat	ure		
Rel. Hum.			5180	-	<u> 517</u>	84	57.5	17.5	10	9	00	= 0	F :	32 F	≥ 67 F		73 F	≥ 80 F	<b>= 93</b>	F	Total
Dry Bulb			7735		361	71	40.2	7.7	52	9	00			5.0		7			1		9
Wet Bulb		106	0505		304	95	33.9	5.5	04	9	00			7.2							9(
Dew Point		61	0974		225	76	25.1	7.0	49	9	00		7	7.8					L		90

GLOBAL CLIMATDLDGY BRANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC HILL AFB/UGDEN UTAH 67-70,73-78 PAGE 1 0600-0800 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulh Dew Port 64/ 63 .1 62/ 61 . 2 . 3 60/ 59 58/ 57 9 56/ 55 18 18 C. 26 26 52/ 51 1.0 1.0 33 33 50/ 49 33 33 48/ 47 56 56 46/ 45 66 66 44/ 43 2.6 2.2 82 82 84 84 58 40/ 39 2.9 3.1 3.1 91 71 13 38/ 37 2.8 2.0 77 77 36/ 35 1.6 83 83 23 111 34/ 33 3.6 126 43 32/ 31 2.8 2.6 1.8 71 71 88 30/ 2.0 48 48 102 84 28/ 27 14 14 75 98 23 101 15 89 20/ 19 76 18/ 36 15 16/ 37 2.7 12/ 8/ 1.911.722.023.217.811.1 4.7 3.3 3.1 TOTAL 900 900 Element (X) No. Obs. Mean No. of Hours with Temperature 3252791 Rel. Hum. 51831 57.617.261 900 ± 32 F 40.5 7.849 34.2 5.550 1530715 36439 900 14.8 Dry Bulb Wet Bulb 1078454 30752 900 34.8 90

GLOBAL CLIMATOLUGY BRANCH **PSYCHROMETRIC SUMMARY** USAFFTAC 2 AIR WEATHER SERVICE/MAC HILL AFB/OGDEN UTAH 67-70,73-78 0900-1100 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 31 D.B./W.B. Dry Bulb (F) Wet Bulb Dew Poir 74/ 73 • 1 72/ 71 70/ 69 14 • 3 .6 14 10 10 68/ 67 .3 •6 66/ 65 • B 13 13 64/ 63 . 8 20 20 20 62/ 61 . 8 20 21 60/ 59 21 57 1.0 34 34 56/ 55 38 38 1.0 49 2.2 1.1 52 52 80 50/ 49 2.0 .0 80 19 2.0 77 77 48/ 47 2.6 2.3 36 68 2.6 68 62 46/ 1.0 74 74 80 43 1.6 67 42/ 67 113 51 51 95 40/ 39 2.0 57 96 37 2.0 57 38/ 1.3 • 6 • 6 1.7 2.1 49 49 110 36/ 35 40 33 1.0 40 86 103 32/ 31 38 38 75 1.9 29 27 16 16 30/ 1.0 23 98 28/ 110 26/ 25 21 100 87 22/ 21 41 20/ 25 27 18/ 17 16/ 15 13 20 14/ 18 12/ 11 10/ 8/ Element (X) Mean No. of Hours with Temperature Rel. Hum. 20F ≤ 32 F ≥ 67 F | ≥ 73 F | ≥ 80 F Dry Bulb SECRETARY OF STREET 

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GLUBAL CLIMATOLUGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

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PAGE 2

0900-1100

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 24101 HILL AFB/UGDEN UTAH 67-70,73-78 PAGE 1 1200-1400 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) D.B./W.B. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 > 31 Dry Bulb Wet Bulb Dew Poir 78/ 77 • 1 18 18 73 74/ .2 1.0 70/ 69 •6 19 68/ 67 18 24 27 66/ 65 1.3 •6 64/ 63 62/ 61 28 48 57 1.6 2.0 2.7 1.9 58/ 59 55 61 61 56/ 1.3 1.5 50 50 74 50/ 2.0 29 57 61 61 56 48/ 47 56 46/ 57 57 93 47 47 110 45 52 18 40/ 39 52 98 37 38/ 38 38 103 35 36 36 40 36/ 1.1 84 33 28 34/ 1.3 28 78 71 1.7 32/ 86 31 26 26 53 30/ 29 52 17 82 28/ 25 26/ 104 24/ 23 22/ 18/ 14/ 13 18 Element (X) Rel. Hum. ≥ 80 F Dry Bulb Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC 24101 HILL AFB/UGDEN UTAH
STATION STATION NAME 07-70,73-78 PAGE 2 1200-1400 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL U D.B. W.B. Dry Bulb Wet Bulb Dew Poir 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 10/ 6/ 900 900 7.0 6.7 8.211.213.815.211.2 8.4 4.6 3.4 4.2 1.8 1.8 900 900 0.26.5 (OL. A) 70 EM Element (X) Mean No. of Hours with Temperature 39021 900 43.419.543 ≥67 F | ≥73 F | ≥80 F | ≥93 F 2035181 ≤ 32 F 50.610.848 900 45506 3.2 2404678 Dry Bulb 35440 90 39.4 5.972 900 Wet Bulb 1427614 13.1

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GLOBAL CLIMATULOGY BRANCH
USAFFTAC
AIR WEATHER SERVICE/MAC

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### **PSYCHROMETRIC SUMMARY**

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67-70,73-78

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PAGE 1 1500-1700

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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC HILL AFB/OGDEN UTAH 07-70,73-78 PAGE 2 1500-1700 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 > 31 12/ 11 10/ 8/ .9 5.9 6.4 8.9 9.2 9.2 4.7 2.3 10.1 6.3 5.2 3.2 3.8 1.2 1.6 900 900 900 900 1891313 37131 900 2524422 46608 51.811.099 900 2.5 Dry Bulb 39.8 5.879 900 1454326 35790 12.3 90

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# **PSYCHROMETRIC SUMMARY**

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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC 24101 HILL AFB/SGDEN UTAH 1.7-70,73-78 PAGE 2 1800-2000 TOTAL TOTAL
D.B. W.B. Dry Buib Wet Bulb Dew Poin WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 8/ 6/ 4/ 2/ 900 900 .8 8.2 9.411.411.413.714.710.0 7.1 4.9 4.1 2.1 1.1 UTAL 900 900 Element (X) No. Obs. 2297209 2199251 1356924 46.519.804 48.410.021 38.4 5.774 26.4 7.170 41835 Rel Hum 900 ≰ 32 F 267 F 273 F 280 F 293 F 900 43567 3.6 Dry Bulb 900 34558 15.9 90 Wer Bulb 23769

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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC HILL AFB/URDEN UTAH 67-70,73-78 MONTH PAGE 1 2100-2300 WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 31 68/ 67 • 1 10 66/ 65 64/ 63 21 21 62/ 61 12 .6 21 32 60/ 59 58/ 57 21 32 55 29 29 .8 30 30 .3 1.4 2.2 1.0 1.7 1.3 2.3 2.0 1.2 2.7 1.6 1.2 52/ 51 60 60 52 50/ 16 78 1.9 43 66 96 96 93 42/ 41 .6 69 69 40/ 39 107 50 16 38/ 37 2.0 50 121 35 2.1 1.2 60 60 33 36/ 57 55 34/ 33 31 1.8 1.8 57 89 1.6 51 51 103 109 17 30/ 29 17 81 .6 41 75 28/ 27 26/ 25 115 16 24/ 23 71 19 76 20/ 50 16/ 12/ 10/ 8/ 6/ 4/ Rel. Hum. Dry Bulb

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Wet Bulh Dew Paint

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Commence (discovered a . . . GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 24101 HILL AFB/UGDEN UTAH
STATION NAME 13-70,73-78 2100-2300 PAGE 2 D.B. W.B. Dry Buib Temp (F) WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 21 We' Bulb Dew Por .710.414.414.720.013.010.3 5.9 4.2 2.4 2.7 .6 TOTAL 900 900 Element (X) 52,019,007 44.5 8.899 2762445 46839 900 ± 32 F -67 F | -73 F | -80 F | -93 F 900 1850837 40021 Dry Bulb 7.4 1220938 32768 Wet Bulb

GLOBAL CLIMATOLUGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC 2 AIR WEATHER SERVICE/MAC **APR** 24101 HILL AFB/DGDFN UTAH PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 D.B./W.B. Dry Bulb Wet Bulb Dew Post (F) 80/ 79 78/ 77 •0 •0 11 11 31 31 76/ 75 74/ 73 29 29 •1 •0 36 36 .0 73 73 70/ 69 68/ 61 क्र 67 95 95 66/ 65 147 147 64/ 63 | •0 132 132 62/ •0 203 203 60/ •0 57 269 269 58/ • 3 .6 56/ 314 314 •0 1.0 336 336 10 52/ 51 . 8 433 433 <u>.</u>8 414 414 100 50/ 239 505 503 48/ 507 507 448 46/ •6 •5 501 501 585 574 574 682 762 2.0 40/ 39 451 863 177 451 37 38/ 266 2.0 475 475 795 36/ 35 425 425 786 468 34/ 33 1.8 705 360 360 666 32/ 31 29 27 173 • 3 173 615 720 30/ 53 338 768 28/ • 3 11 11 159 836 26/ 25 23 10 10 24/ .1 . 1 649 22/ 21 542 6 6 20/ 19 320 18/ 16/ 15 268 14/ 166 Dry Bulb Wet Bulb

**"他"的特别的话** 病

GLOBAL CLIMATOLUGY BRANCH **PSYCHROMETRIC SUMMARY** USAFFTAC AIR WEATHER SERVICE/MAC HILL AFB/DGDEN UTAH 07-70,73-78 PAGE 2 ALL HOURS (L. S. T.) TOTAL TOTAL
D.B. W.B. Dry Bulb Wet Bulb Dew Port WET BULB TEMPERATURE DEPRESSION (F) 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 31 115 12/ 11 53 8/ 12 6/ 3 4! 7200 1.2 9.513.515.915.112.610.4 7.4 5.5 3.1 2.4 1.5 1.1 7200 7200 a 0.26.5 Element (X) No. Obs. Mean No. of Hours with Temperature 21087988 15688964 50.419.654 45.510.259 363058 7200 ≤ 32 F ≥67 F ≥ 73 F ≥ 80 F Rei Hum 7200 720 327880 62.7 24.3 Dry Bulb 36.8 6.111 7200 188.5 599.8 720 10031233 265121 Wet Bulb

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

Temp.											SSION (							TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Butb	Dew Point
76/ 75										Ĭ .	• 1							1	1		
72/ 71	]		1	1			1			.2	.2		.3	•1	)		ļ	8	8	]	
70/ 69										•1	•1		•4	•1	1		Ī	7	7		
68/ 67			ļ			1	.1	. 2	.2	.2	.6	• 1					ļ	14	1,4	!	1
66/ 65					• 1		.5	.3	•5	.5	.2							21	21	1	
64/ 53	j		Ì	-	• 1	.2	.5	.6	1.2	.4	.3			-			ľ	32	32		
62/ 61					• 1	•8	.3	2.0	1.4	• 2	.1							51	51		
60/ 59			• 2	• 2	.1	• 4	2.2	2.3	1.2	.6	l _		<u> </u>	l	<u></u>		_	67	67		
58/ 57		• 1		•5	.6	1.2	1.6	2.6	1.8	•1				1			T	80	80	1	
56/ 55			•1	.3	.8	1.7	3.2	2.3	.5	.1							<u> </u>	84	84	7	1
54/ 53			• 5	1.2	1.4	1.2	2.2	1.2	. 2		-							73	73	15	1
52/ 51	i	• 1	•9	1.0	2.2	2.5	, 9	. 8	• 2									78	78	33	3
50/ 49		64	1.1	1.5	1.6	3.1	. 4	• 1						1				77	77	49	4
48/ 47		_ 9	• 5	1.0	2.7	1.2	•2	.3										63	63	113	10
46/ 45	j	1.0	1.1	2.4	1.1	• 4	1.1	•1			ł						i	66	66	130	26
44/ 43		• 5	1.8	1.1	2.2	•6	• 3			<u> </u>			ļ				<u> </u>	61	61	122	36
42/ 41	. 2			1.4	• წ	• 1		İ		}	ļ	1	i	1			i	44	44	145	56
40/ 39		•9	•9	1.0	•6	• 3			<u> </u>	ļ	<u> </u>			<u> </u>	<u> </u>			34	34	102	42
38/ 37	٤.	• 9	1.1	. 8	• 1	• 3			}	1	1		ļ	ļ			ļ .	32	32	65	79
36/ 35		•5	• 6	• 2										<u> </u>	<u> </u>		<u> </u>	13	13	53	103
34/ 33		• 4	• 2	.3	• 1					ļ	ļ		l		Į.		1	10	10	51	100
32/ 31		.4	• l	- 1						ļ	<u> </u>	ļ	ļ	ļ			<del> </del>	6	6	17	123
30/ 29		• 5	• 1						ļ	1		l	ļ	Į .	Į.	ł	1	6	6	14	74
28/ 27			• 2							ļ			<u> </u>	<b> </b> -	<del> </del> -		ļ	2	2	8	99 59
26/ 25														İ		l	Ī		}	5	31
24/ 23										<del> </del>	ļ	<b> </b> -	<b>}</b> -				<del> </del>	<del> </del>	<b> </b>	<del> </del>	36
22/ 21	l i										l				1	1		İ			18
20/ 19									<del> </del>	<del> </del>			<del> </del>		<del> </del> -	<del> </del> -		<del> </del>	<del> </del>	<del> </del>	10
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16/ 15			<del> </del>						<del> </del>	<del> </del>					<del> </del>		<del> </del>	<del> </del> -	<del> </del>	<del> </del>	5
12/ 11								Í	}	1	1						1	1	1		4
10/ 9										+	<del> </del>		-	<del> </del> -	<del> </del> -	<del></del>	<del> </del>	<del> </del>		<del> </del>	1
10/ 9											1				1				1		\
Element (X)		Σχ			ZX	<u>'</u> T	X.	σ <sub>1</sub>		No. 0	19.			1	Mean	No. of H	ours wil	h Tempera	ture		<del></del>
Rel. Hum.												⊴ 0	F	≤ 32 F	≥ 67	F	73 F	≥ 80 F	<b>2 93</b>	F	Total
Dry Bulb																					
Wet Bulb																					
Dew Point															<u> </u>						

· services as in

AFETAC FORM 0-26-5 (OLA)

GLOBAL CLIMATULUGY BRANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 24101 HILL AFB/OGDEN UTAH 67-70,73-78 PAGE 2 0000-0200 HOURS (L. S. T.) TOTAL TOTAL DIS Bulb Wer Bulb Dew Point 930 WET BULB TEMPERATURE DEPRESSION (F) Temp (F) 0 1 · 2 3 · 4 5 · 6 7 · 8 9 · 10 11 · 12 13 · 14 15 · 16 17 · 18 19 · 20 21 · 22 23 · 24 25 · 26 27 · 28 29 · 30 · 31 · 5 7 · 3 1 · 1 1 2 · 9 · 4 · 5 · 4 · 1 · 3 · 5 3 · 3 · 7 · 3 2 · 6 1 · 7 · 1 · 8 · 2 DATOTAL 930 930 £ 0.26.5 Element (X) Mean No. of Hours with Temperature 51.418.109 51.5 8.558 42.3 5.610 32.5 7.238 2764665 2530107 930 47831 Rel. Hum. ≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 930 47851 1.4 Dry Bulb 93 930 39318 Wet Bulb 1691500 4.4 30207 930 46,9 

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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# PSYCHROMETRIC SUMMARY

24101 HILL AFB/UGDEN UTAH 6,7-70,73-78

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp										DEPRE								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Par
74/ 73										, 1				Ĭ			Ĭ	1	1		
70/ 69				1					.2			• 1	.1	ļ		1	l	4	4	ļ	1
68/ 67										.3	. 2	• 5	.3		1		i	13	13		
66/ 65							.1	. 3	.4	.3	. 5			1	-	1		16	16	ļ	ļ
64/ 63						•1	•4	.2	.4					1	1			11	11	1	<del>}</del>
62/ 61					.4	•1	.3		.3	. 2					1	ļ		14	14		
60/ 59				. 2	.3	•5	1.9	•1	.6	.2				1	i	1		41	41	1	1
58/ 57		1	1	. 2	.1	• 8		1.8	.5	.1					1	Ì	1	59	59	1	1
56/ 55			• 1	. 2	.3	1.8	3.0	2.6	.4					1		<u> </u>	i	79	79	2	1
54/ 53		.1	. 8	. 5	1.5	3.1	3.0	1.0	.2	ļ								95	95	12	-
52/ 51		•1	. 2	1.5	1.3	2.0	2.2	.6	•1					1		i —		75	75	20	1
50/ 49		.0	1.2	2.3	1.8	2.7	1.2	. 5										96	96	34	, ,
48/ 47		.6	1.8	1.3	3.0	1.9	.3	,2		i								86	86	61	1
46/ 45		. 8	1.5	2.7		• 5	.6	. 1		ļ						1	]	74	74	127	1
44/ 43	.1		1.4	2.3		• 3								1		Ì	i	59	59	136	3
42/ 41	. 1	.6	2.2	2.7		•5			ļ	ł				ļ	ł	ŀ	1	66	66	120	6,
40/ 39	.3		1.6	1.1	. 8	• 2				i						1		49	49	151	5
38/ 37	. 1	. 4	1.3	.6	.3	• 1			1	l					1			27	27	88	6
36/ 35	. 2	.5	1.7	• 5	• 2	• 3			i	i					i			33	33	63	79
34/ 33		.4	.4	. 1									_			Į	Į	9	9	46	10
32/ 31		,5	• 4	, 1	•2													12	12		10
30/ 29		.8		. 1			[	_							ļ	ļ	1	8	8	22	9
28/ 27			•1															1	1	14	10
26/ 25 24/ 23		.2												j				2	2	3	7
24/ 23										[				l		-	[			4	3
22/ 21		L							L			[	i	l		1	<u> </u>	l		İ	2
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18/ 17		<u> </u>								<u> </u>				<u> </u>		<u></u>		<u></u>	<u> </u>	1	1
16/ 15																1				i	1
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12/ 11														1					i		
10/ 9					L										<u> </u>						
8/ 7							_			_											
Element (X)		Σ <sub>X</sub> <sup>2</sup>			z x		X	0,	-	No. Ol		L	<u> </u>	<u>.                                    </u>	Mean	No. of H	Dura wit	h Tempera	ture		<u> </u>
Rel. Hum.					_^			<del>-</del>				£ 0	F	≤ 32 F	2 6		73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb						$\dashv$			_				_		<u> </u>			†- <del></del>	<del>                                     </del>		
Wet Bulb						-			$\dashv$				_		<del>                                     </del>	_		<del> </del>	<del>- </del>		
Dew Point															<del> </del>			<del> </del>	_		

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

AND THE PROPERTY OF THE PROPER

24101 HILL AFB/UGUEN UTAH 57-70,73-78 MAY

STATION STATION NAME PAGE 2 0300-0500
HOURS (L. S. T.)

Temp.						WET	BULB 1	TEMPER	ATURE	DEPRE	SSION (	=)					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	y - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 29	- 30 ≥ 3	D.B./W.S.	Dry Bulb	Wet Bulb	Dew Por
OTAL	•9	8.1	14.7	16.5	14.2	15.3	15,9	8.1	3.3	1.3	. 8	•6	.4				930	930	930	93(
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lement (X)		Σχ2	Ĺ		z x		X	<b>"</b> x	<del></del>	No. Ob		1		<u> </u>	Mean No.	of Hours	vith Tempera	ture	<u></u>	<u> </u>
Rel. Hum.		306	1229		507	55	प्र 54.6	17.7	07	9	30	≠ 0 F		≤ 32 F	≥ 67 F	≠ 73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb	İ	230	0880		456	46	49.1	8.0	70	9	30			2.3	1.8	•	1			
Wet Bulb		159	1097		381	23	41.0	5,5	23	9	30		$\perp$	7.0						- 5
Dew Point		99	7978		297	42	32.0	7.0	98	9	30		1	49.0		ī		1		9

FORM 0.26-5 (OLA) REVISED MEVIOUS EDITIONS OF THIS FORM

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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#### **PSYCHROMETRIC SUMMARY**

HILL AFB/UGDEN UTAH HAY 67-70,73-78 PAGE 1 0600-0800 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin • 1 • 1 72/ 71 10 70/ 69 10 68/ 67 8 R 19 66/ 65 • 2 . 5 <u>.</u>6 25 25 64/ 63 36 02/ 61 36 60/ 59 54 57 . 8 58/ 1.8 2.0 56/ 55 3.1 84 7 2.7 84 • 6 .6 1.8 88 53 88 12 80 52/ 51 1.3 2.0 .8 80 50/ • 6 104 104 74 99 12 47 74 54 20 46/ 54 145 58 43 44/ 43 58 . 8 48 48 125 35 42/ 41 72 39 28 28 115 40/ • 3 . 6 37 27 38/ 27 67 36/ 18 18 113 33 15 15 41 120 34/ . 5 109 5 24 32/ 31 102 30/ •3 14 85 57 25 6 26/ 18 23 21 19 20/ 18/ 16/ 14/ 13 10/ 8/ Element (X) Mean No. of Hours with Temperature Rel. Hum. ≥73 F ≥80 F ≥93 F 10F Dry Bulb Wet Bulb

FORM 0.26-5 (OLA) IEVISED REVIOUS EDITIONS OF THIS FORM ARE DISC

FETAC FORM 0.34 &

GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 24101 HILL AFB/UGDEN UTAH STATION NAME 47-70,73-78 PAGE 2 0600-0800 HOURS (L. S. T.) TOTAL TOTAL
D.B./W.B. Dry Bulk Wet Bulk Dew Point
930
930 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 5 - 7 - 01 1 - 61 4 - 12 6 - 01 6 - 71 5 - 7 0 - 4 4 - 8 1 - 5 8 8 8 TUTAL 930 930 10 No. Obs. Element (X) Mean No. of Hours with Temperature Rel. Hum. 2861437 49191 52.916.715 Dry Bulb 2476612 47352 50.9 8.405 930 1.5 930 42.3 5.721 Wet Bulb 1691737 39307 30703

THE RESERVE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

STATION	<u> भा</u>	LL A	FB/0	GDEN 51	UTAI	H AME				6 <u>7-</u>	70,7	3-78	<del></del>	YE	ARS	<del></del>					NTH
																		PAGE	1	0900-	
Temp											SSION (							TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20		23 - 24		27 - 28	29 - 30	≥ 31	D.B./W.B.		Wet Bulb	Dew P
2/81												• 1		• 2		1		3	3		
0/ 79												•1	•2	•1	.2	•1		7	7		
8/ 77									_	.3	١.	• 2	•6	•6	•1	ļ		18	18	]	
6/ 75									•2	.2	•4	• 3	•6	•3				20	20		
4/ 73									.4	.6	.3	1.6	•2	1	1	Ì		30	30 37	1	
2/ 71							•1	.2	8.	1.4	.9	• 5	•1					37			
0/ 69					• 1	• 1	• 1	•3	1.2	1.1	2.0	• 8	• 2	1		1		55	55	}	
8/ 67						•1	•2	.5	1.7	1.4	1.5	• 4		<b></b>				55	55 58		
6/ 65					• 1	• 2	1.6	1.2	1.4	2.3	• 2	• 2		1		- 1		58 72	72		
4/ 63					.2	• 3	1.6	1.1	3.0	1.2	•3			<del> </del> -				75	75		
2/ 61			,	• 1	1.1	•6 1•3	1.2	2.9 3.1	2.2	.6	1					1		92	92	11	
0/ 59 8/ 57			•1	•1	1.1	2.5							<u> </u>					66	- 56	14	<u> </u>
6/ 55					•6		1.6	1.1	•4	1 .1	ł	ł	!	l	ł	ł		49	49	34	
4/ 53			- 1	•2	1.0	1.4	1.6	.6	•2					<del> </del>				50	<del>- 50</del>	73	
2/ 51		•1	• 6	.4	1.4	• 5	.3	.3	.1	ļ	l	į	İ					38	38	105	}
0/ 49		• J	•5	•6	.8	1.2	•3	-4	• •			<del> </del>		<del> </del>				37	$-\frac{37}{37}$	123	
8/ 47		8	1.1	.6	.9	.6	.5	.1		1		1				1		43	43	161	2
6/ 45		2	1.1	1.0	. 9	• 3	•2			<del> </del>		<del> </del>		<del> </del>	<del>  </del>			34	34	120	
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2/ 41		• 5	• 4	• 3	•1						<del> </del>			<del> </del>				14	14	59	-
0/ 39	.1	.9	. 8	.4	• 2		.2			1	ĺ	ĺ	ĺ	Ì	1 1	- 1		24	24	45	10
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8/ 27				[							[	[				ĺ		1 1		4	4
6/ 25							i			l		<u> </u>								2	3
4/ 23							Ĺ			[		Ĺ	[		<u> </u>	[		[[			2
2/ 21											]										,
0/ 19		<u> </u>							L			<u> </u>	L		<u>                                     </u>			[			
8/ 17																					
6/ 15				L									L	<u> </u>							<u> </u>
ement (X)		Σχ²			Σχ		X	₹ ×		No. Ol	·s.				Mean N	o. of Ho	urs wit	h Temperat	ure		
t. Hum.												⊴ 0	F	± 32 F	z 67	F .	73 F	≥ 80 F	≥ 93	F	Total
y Bulb									$\bot \bot$						<u> </u>						
et Bulb																			1		
w Point				i					-1				- 1					1	I		

FETAC FORM 0.26-5 (0

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

24101 HILL AFB/UGDEN UTAH
STATION NAME

## **PSYCHROMETRIC SUMMARY**

67-70,73-78 , MAY

YEARS

PAGE 2 0900-1100
HOURS (L. S. T.)

Tem								BULB 1											TOTAL		TOTAL	
(F)		0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
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SAFETAC FORM A 21 E 10

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

24101 HILL AFB/LIGDFN UTAH 67-70,73-78

STATION STATION NAME

PAGE 1 1200-1400
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USAFETAC FORM A

GLOBAL CLIMATOLOGY BRANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAY HILL AFB/UGDEN UTAH 67-70,73-78 MONTH 1200-1400 PAGE 2 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) D.B./W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | > 31 18/ 17 72 16/ 15 12/ 11 10/ 9 10/ TOTAL .2 2.6 3.2 4.7 5.5 5.7 9.9 9.7 1.4 6.3 1.3 9.2 6.6 4.8 2.2 1.3 930 530 930 930 ব 5 (OL 34396 34396 Element (X) No. Obs. 1547604 37.017.063 930 : 32 F 930 Dry Buib 3866625 59073 63,511.094 • 2 48.0 5.940 93 2175021 44635 930 Wet Bulb 31875

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC HILL AFB/OGDEN UTAH 67-70,73-78 1500-1700 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | × 31 D.B./W.B. Dry Rulb Wet Bulb Dew Poin 88/ 87 86/ 85 • 8 21 84/ 83 21 82/ 81 .8 23 23 80/ 79 41 1.0 1.2 40 78/ 77 •9 40 761 2.2 62 32 74/ 73 51 1.5 70 72/ 71 2.3 2.9 78 78 70/ 69 .9 1.9 68/ 67 1.6 54 54 •5 1.1 66 66 66/ 65 . 8 67 37 64/ 03 1.7 1.1 62/ 61 . 8 44 60/ 59 42 42 1.0 58/ 57 49 49 27 36 36 567 50 •6 38 95 54/ 53 38 527 51 25 25 145 23 23 165 50/ 49 • 2 487 135 77 17 23 27 46/ 45 23 77 44/ 43 13 59 38 11 11 52 58 42/ 41 .6 39 **T**5 407 <u>50</u> 15 81 8 38/ 37 8 24 35 20 101 81 34/ 33 12 102 32/ 31 .3 91 30/ 29 287 27 90 26/ 25 36 24/ 23 22 22/ 21 Mean No. of Hours with Temperature Element (X) Rel. Hum. 10F 132F ≥ 67 F ≥ 73 F ≥ 80 F Dry Bulk Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

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GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC HILL AFB/DGDEN UTAH 67-70,73-73 MAY 1800-2000 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Port 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 84/ 83 82/ 81 80/ 79 . 2 78/ 77 . 8 767 42 42 727 68 70/ 69 68 687 67 73 66/ 65 72 64/ 63 72 1.2 60 .6 1.8 1.9 60 62/ 61 607 64 64 13 58/ 57 567 **75**5 48 54/ 53 48 -51 1.0 527 .8 41 143 50/ 49 . 8 1.1:1.1 16 25 159 25 25 46/ 45 39 441 43 14 59 61 16 407 39 15 89 38/ 37 98 10 10 35 367 •5 18 33 3 34/ 327 31 96 39/ 29 287 59 33 247 23 25 22/ 21 19 20/ 18/ 17 Mean No. of Hours with Temperature Element (X) Res. Hum Dry Bulb

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### **PSYCHROMETRIC SUMMARY**

24101 HILL AFB/DGDFN UTAH (7-7)),73-78 MAY

STATION NAME PAGE 2 1800-2000

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GLOBAL CLIMATOLOGY BRANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAY HILL AFB/OGDEN UTAH 67-70,73-78 MONTH PAGE 1 2100-2300 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 | 26 | 27 - 28 | 29 - 30 | 21 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 78/ 77 75/ 75 74/ 73 72/ 71 70/ 69 21 21 68/ 67 • 1 .8 66/ 65 64/ 63 .6 1.5 1.8 1.8 60 60 627 61 67 67 60/ 59 3.8 2.3 96 96 2.5 1.2 76 1.9 56/ 55 54/ 53 66 1.6 66 1.6 1.9 76 75 34 50 50 3 507 49 . 8 59 u 1.3 1.3 •6 .9 1.0 54 15 48/ 47 1.0 54 146 48 18 467 45 • 2 48 147 37 34 44/ 43 .5 37 135 23 94 62 42/ 41 25 25 57 66 40/ 39 . 6 387 37 30 84 .8 1.5 30 62 108 49 36/ 35 33 25 87 15 32/ 31 .6 • 2 98 29 307  $\Pi$ 68 28/ 27 26/ 25 57 24/ 23 40 ã 21 32 22/ 18 20/ 19 18/ 17 16/ 15 П 14/ 13 FORM JUI 64 Element (X) Mean No. of Hours with Temperature Kel. Hum. ± 0 F Dry Buib Wet Bulb

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PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC HILL AFB/UGDEN UTAH .,7-70,73-78 MONTH PAGE 2 2100-2300 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 D.B. Dry Bulb Wet Bulb Dew Point 6 4 5 6 8 2 8 8 8 2 6 1 0 2 5 4 0 1 1 4 7 8 4 4 1 7 1 0 0 4 2 9 930 930 TUTAL 930 930

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Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

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GLOBAL CLIMATULOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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#### **PSYCHROMETRIC SUMMARY**

STATION PAGE 1 ALL HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 88/ 87 86/ 85 • 0 6 84/ 83 33 33 • 1 •1 82/ 81 54 54 807 95 95 78/ 77 119 119 .3 . 2 .0 767 75 .0 • 6 •6 •1 167 167 74/ 73 .6 .0 190 190 72/ 71 .7 .8 .6 252 252 70/ 69 .9 298 •0 .8 1.0 298 . 1 68/ 67 •0 346 346 66/ 65 373 373 641 63 •1 1.0 • 5 387 387 • 2 62/ 61 • 3 .8 417 . 6 417 60/ 59 •8 503 503 58/ 57 . 6 1.3 .3 501 1.0 501 91 56/ 55 • 3 1.9 482 1.5 482 206 53 1.3 54/ 503 503 407 52/ 51 . 13 423 1.0 423 639 21 475 805 50/ 475 62 , 6 48/ 47 • 8 • 6 1.6 372 372 1003 119 •5 46/ 349 349 933 211 43 294 781 • 5 715 42/ 41 .9 . 2 .0 228 228 443 40/ 39 • 6 •4 201 201 624 568 38/ 37 151 151 420 652 36/ 35 • 1 94 297 850 .0 34/ 33 51 51 222 773 31 32/ 42 42 110 850 30/ 29 23 23 80 716 28/ 27 631 37 26/ 25 453 240 23 22/ 21 Element (X) Mean No. of Hours with Temperature Rel. Hum. 10F Dry Bulb Wet Bulb

67-70,73-78

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SAFFTAC FORM

GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFFTAC AIR MEATHER SERVICE/MAC HILL AFB/OGDEN UTAH .7-70,73-78 MAY 24101 HTHOM ALL PAGE 2 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 15 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | D.B. W.B. Dry Bulb Wet Bulb Dew Poir 20/ 19 18/ 17 125 86 50 16/ 15 28 12 12/ 11 10 9 7439 .D 4.9 8.0 9.040.741.042.140.7 9.5 7.0 5.4 4.4 3.1 2.1 1.0 7439 7439 Mean flo. of Hours with Temperature Element (X) :57 F :73 F :80 F :93 F | 56.2 | 66.6 | 14.3 | 45.119.009 56.811.223 335493 17818167 7439 Rel. Hum. Tatal 7439 24920017 422387 7.3 156.2 7439 44.8 6.266 144 15239038 333442 340.0

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC HILL AFB/OGDEN UTAH JUN 67-70,73-78 PAGE 1 0000-0200 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 22 23 - 24 25 - 26 27 - 28 29 - 30 ≥ 31 84/ 83 82/ 81 3 3 86/ 79 •2 78/ 77 20 20 76/ 75 16 16 • 2 €. 74/ 73 27 27 721 • 2 . 8 2.7 1.3 •4 56 56 70 70 70/ 69 .2 68/ 67 70 71 . 8 3.0 66/ 65 .8 56 58 64/ 63 . 2 1.7 1.9 • 1 C 1.8 1.6 68 68 62/ 61 1.3 . 2 71 60/ 59 71 1.0 1.0 2.0 2.5 10 58/ 57 72 1.3 72 56/ 55 1.0 2.6 1.3 1.1 78 8 54/ 53 2.6 1.3 1.4 71 71 1.2 100 52/ 51 54 . 8 • 9 54 143 50/ 49 31 31 23 131 . 3 48/ 47 . 9 34 19 19 66 46/ 45 101 12 12 71 441 136 42/ 41 6 6 53 114 40/ 39 26 83 38/ 37 87 36/ 35  $\mathbf{II}$ 87 33 34/ 32/ 31 65 47 30/ 27 21 28/ 26/ 25 26 23 22/ 21 20/ 18/ 17 Element (X) Mean No. of Hours with Temperature Rel. Hum. ± 32 F 40 F Dry Bulb Wer Bulb

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR MEATHER SERVICE/MAC HILL AFB/UGDEN UTAH 97-70,73-78 JUN PAGE 2 0000-0200 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F)

1 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 ≥ 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 14/ 13 1.7 7.6 8.911.0 9.114.512.8 2.410.0 5.1 3.7 1.8 1.1 TOTAL 900 897 897 897 Element (X) No. Obs. 2131233 3419349 41143 54951 45.916.506 897 Rel Hum 267 F 273 F 280 F 293 F 61,1 8,452 Dr. Bulb 900 2166474 Wet Bulb 43864 48.9 4.897 897 897

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GLOBAL CLIMATOLOGY BRANCH
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24101 HILL AFB/GGDEN UTAH
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Temp. WET BULB TEMPERATURE DEPRESSION (F)
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78/ 77

### **PSYCHROMETRIC SUMMARY**

PAGE 1 0300-0500

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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#### PSYCHROMETRIC SUMMARY

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HILL AFB/UGDEN UTAH JUN 7-70,73-78 MONTH 0600-0800 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 | 3 | 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 82/ 81 • 1 • 1 3 80/ 79 •1 5 15 78/ 77 76/ 75 73 . 8 29 29 74/ 43 72/ 71 43 1.0 1.6 1.2 • 1 49 70/ 69 1.6 49 1.5 1.3 2.6 70 70 68/ 67 .2 1.3 2.6 65 69 1 66/ • 6 1.8 60 60 64/ 63 1.6 2.7 1.9 93 94 62/ 61 60/ 59 .6 1.8 1.7 2.0 70 72 16 .6 2.5 22 58/ 57 .6 1.8 1.8 1.9 70 70 69 6 56/ 55 1.6 1.5 2.0 53 1.0 65 65 115 6 1.5 1.6 1,0 , 9 1.9 58 58 127 1.3 52/ 51 1.1 28 50/ 49 • 8 1.6 1.1 1.2 135 55 22 22 48/ 47 1.0 46/ 45 1.0 • 4 •6 27 27 100 44/ 43 79 81 • 1 127 42/ 41 48 118 28 40/ 38/ 37 88 86 8 36/ 35 33 76 52 29 38 30/ 28/ 27 24 15 26/ 25 24/ 23 22/ 21 6 18/ 17 396 900 TUTAL 1.9 5.610.412.714.416.014.211.6 6.7 3.3 2.2 No. Obs. Element (X) Mean No. of Hours with Temperature 48.214.925 896 43144 2276822 Rel. Hum. ≥ 67 F ≥ 73 F \* 80 F 2 93 F 90 3317374 54156 60.2 8.075 900 2169845 43853 48.9 5.129 896 90

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GLOBAL CLIMATOLOGY BRANCH USAFFTAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 101 HILL AFB/UGUEN UTAH JUN 67-70,73-78 MONTH PAGE 1 0900-1100 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | D.B./W.B. Dry Balb Wet Bulb Dew Pour × 31 94/ 93 +2 92/ 91 90/ 89 88/ 87 .3 86/ 85 84/ 83 . 2 • 6 82/ 81 34 57 57 . 8 80/ 79 78/ 77 66 66 2.4 1.1 76/ 75 2.0 67 67 1.0 2.2 60 747 73 60 • 3 2.8 76 72/ 71 1 76 1 • 6 70/ 59 1.7 1.8 59 60 2 68/ 67 53 53 53 66/ 65 53 1.4 1.2 1.6 44 44 64/ 63 45 45 36 62/ 61 .8 1.3 1.0 1.0 1.0 119 50 30 587 55 37 37 8 36/ 54/ 53 29 29 130 33 16 52/ 51 .4 16 112 50/ 49 18 18 94 • 2 .2 • 1 75 48/ 56 • 1 128 46/ 50 110 44/ 43 3 39 42/ 21 104 a 89 40/ 39 81 37 38/ 36/ 35 61 34/ 33 43 32/ 31 44 30/ 29 28/ 27 Element (X) Rel. Hum. 267 F 273 F 280 F 293 F Dry Bulb Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 67-70,73-78 HILL AFB/UGDEN UTAH 0900-1100 PAGE 2 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F)

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GLOBAL CLIMATULOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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#### **PSYCHROMETRIC SUMMARY**

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PAGE 1 1200-1400 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.S./W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 98/ 97 •6 96/ 95 94/ 93 16 .1 1.7 16 92/ 91 .1 1.2 12 1.0 1.7 35 90/ 89 35 38/ 87 50 50 1.4 1.1 1.3 86/ 85 •2 1.3 1.6 1.1 54 54 84/ 83 82/ 81 .8 .8 1.7 1.1 .9 58 58 1.0 2.0 1.3 1.2 72 •6 1.0 80/ 79 66 2.3 1.2 1.1 66 78/ 1.0 1.9 1.6 64 1.1 76/ 75 1.3 52 74/ 73 1.3 72/ 71 70/ 69 .0 33 33 43 1.0 • 7 .4 68/ 67 50 66/ 65 39 10 1.0 40 64/ 63 40 62/ 64 61 60/ . 6 35 57 55 7/ 58/ 17 6 120 56/ 156 139 9 9 107 52/ 50/ 54 46 48/ 47 90 46/ 42 21 42/ 106 6 40/ 39 90 10 79 38/ 37 83 36/ 33 34/ 32/ 31 Element (X) Rel. Hum. 10F Dry Bulb Wet Bulb

67-70,73-78

C. B. Santon

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GLOBAL CLIMATOLOGY BRANCH USAFFTAG AIR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

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Wet Bulb			8261		487		54.2	12.3	24		99			13.0	<del> </del>	•5		<del> </del>			
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GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC HILL AFB/UGDEN UTAH 1500-1700 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 | 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | D.B. W.B. Dry Bulb Wet Bulb Dew Poin 100/ 99 98/ 97 96/ 95 94/ 93 1.2 11 11 18 2 1.8 18 92/ 91 33 33 90/ 89 38 38 88/ 87 •7 1.1 1.2 2.0 86/ 85 -6 1.4 1.7 48 49 83 84/ 83 1.5 2.4 1.2 82 82/ 81 1.6 1.1 65 65 80/ 64 2.1 1.8 78/ 77 51 51 1.6 .7 75 76/ 1.6 1.2 45 74/ .8 41 41 71 28 72/ 28 1.1 70/ 69 46 46 .8 68/ 67 .8 1.0 1.0 1.0 66/ 65 .6 43 43 . 8 48 48 64/ 63 22 26 62/61 26 45 60/ 59 21 21 71 58/ 57 .0 23 23 130 56/ 55 19 19 . 1 139 54/ 53 155 52/ 51 128 • 1 71 50/ 49 48/ 47 56 46/ 45 35 69 17 44/ 43 9 91 <del>90</del> 40/ 39 38/ 37 97 100 36/ 35 86 34/ 33 Element (X) Mean No. of Hours with Temperature Rel Hum 10F Dry Bulb Wet Bulb

THE RESERVE OF THE PROPERTY OF

GLOBAL CLIMATOLUCY BRANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 24101 HILL AFB/UGDEN UTAH 07-70,73-78 1500-1700 HOURS (L. S. T.) PAGE 2 WET BULB TEMPEPATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 D.B./W.B. Dry Bulb Wet Bulb Dew 32/ 31 30/ 29 28/ 27 25/ 25 24/ 23 62 46 26 16 22/ 21 20/ 19 18/ 17 .9 1.6 1.9 3.6 3.9 3.9 4.8 5.7 d.0 7.7 9.9 9.5 7.8 8.0 9.0 J.9 898 898 898 Element (X) No. Obs. 29.61,550 75.611.564 1002938 898 Rel Hum 90 Dry Bulb 5258143 68001 900 53.9 5.028 898 Wet Bulb 48412 90 2632612

THE REAL PROPERTY AND ADDRESS.

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR REATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

24101 HILL AFB/GGDEN UTAH ,7-70,73-78 JUN
STATION STATION NAME YEARS MONTH

PAGE	1	1800-2000
		HOURS (1 & T )

Temp		,		,			BULB							<del></del>				TOTAL		TOTAL	
(F)	0	1 - 2	3 · 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30		D.B./W.B.		Wet Bulb	Dew Po
96/ 95											į			1	!		• 3	3	3	1	
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88/ 87													•2	• 3	1.0	.9	•6	27	27		i
86/ 85												•6	.1	.8	1.2	. 8	- 8	38	38		
84/ 83			i i								•1	• 7	• ,7	1.6	1.6	.8	• 2	50	50		
82/ 81									.1		. 8	1.0	2.0	1.9	1.2	• 7	• 2	71	71		ļ
80/ 79									• 1	. 1	•6	1.1	2.6	1.4	6.6	•3	i T	63	63		
78/ 77								.2	.2	. 3	1.1	1.0	2.0	1.0	.1			54	54		ļ
76/ 75									.7	.4	1.8	2.0	2.0	•2	•1		Γ	70	70		
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Rel Hum.									$\neg \mid \neg$			≤ 0	F :	± 32 F	≥ 67		73 F	≥ 80 F	- 93	F	Total
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Wet Bulb						_			_						<del> </del>			<del>                                     </del>	-	<del></del>	
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SAFETAC FORM 0.25.

GLOBAL CLIMATULUGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC 24101 HILL AFB/UGDEN U

### **PSYCHROMETRIC SUMMARY**

24101 HILL AFB/OGDFN UTAH (.7-7(),73-78 JUN MONTH
STATION STATION NAME PAGE 2 1800-2000 HOURS (L. S. T.)

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GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

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																		7.5	•	HOURS (	
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72/ 71		<u> </u>				• 2		.7	.6	1.8	1.9	1.9	.2				<u></u>	65	65		
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GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC HILL AFB/UCDEN UTAH 67-70,73-78 2100-2300 HOURS (L. S. T.) PAGE 2 TOTAL
DB.-W.B. Dry Bulb Wet Bulb Dew Point
900 897 WET BULB TEMPERATURE DEPRESSION (F)

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GLOBAL CLIMATOLUCY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

24101 HILL AFB/UGDFN UTAH (,7-70,73-78 . JUN

STATION STATION NAME YEARS PAGE 1 ALL
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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

4101 HILL AFB/DGDFR UTAH &7-70,73-78

STATION NAME

YEARS

PAGE 1 0000-0200
HOURS (L. S. T.)

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1016M 0.26-5 (OLA) REVISION

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JSAFETAC FORM

GLOBAL CLIMATOLOGY BRANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR MEATHER SERVICE/MAC HILL AFB/DGDEN UTAH JUL 67-70,73-78 PAGE 2 0000-0200 HOURS (L. S. T.) TOTAL TOTAL Dry Dulb Wer Bulb Dew Poin Temp (F) WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 20/ 19 16/ 15 TUTAL .5 1.C 3.1 5.1 6.0 9.6 3.9 4.5 7.1 3.7 8.4 3.5 1.7 930 930 930 930 0.26-5 (OL A) Element (X) No. Obs. Mean No. of Hours with Temperature 39.613.899 70.7 5.679 55.0 4.114 1639750 4674315 36852 930 Rel. Hum. 10F ± 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 930 65721 71.9 35.7 Dry Bulb 2828201 51143

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

HILL AFBIUGDEN UTAH 67-70,73-78 MUNTH PAGE 1 0300-0500 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 10 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 Wet Bulb Dew Poin 82/ 81 •1 80/ 79 78/ 77 13 13 • 9 • 3 • 2 21 21 76/ 75 . 3 1.0 45 .6 45 • 5 741 73 .8 1.0 1.5 62 62 72/ 71 3,9 112 112 .2 70/ 69 3.8 135 135 58/ 57 1.0 1.5 2.0 2.6 .1 138 138 667 65 •1 .6 3.7 2.5 1.0 125 125 7 64/ 63 .2 1.0 1.9 2.2 2.9 1.5 105 3 105 627 61 1.0 1.1 1.0 1.8 •1 67 31 60/ 59 . 8 .6 . 5 1.5 46 . 6 .3 46 6 63 587  $\cdot \Pi$ 44 .3 1.0 22 22 123 56/ 55 •6 14 14 169 35 54/ 53 35 . 4 II II 193

52/ 51 , 3 62 • 1 6 6 154 50/ 49 81 48/ 47 89 51 45 40/ 31 96 44/ 43 124 14 42/ 41 70 75 40/ 39 37 38/ 78 36/ 35 87 34/ 33 30 32/ 31 37 30/ 29 8 28/ 27 10 25 26/ 24/ 22/ 21

5-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE O

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GLOBAL CLIMATULOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 24101 HILL AFB/OGDEN UTAH 4,7-70,73-78 PAGE 2 0300-0500 HOURS (L. S. T.) Temp (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 × 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 3 1 - 6 4 - 5 6 - 6 9 - 7 7 - 1 7 - 0 15 - 9 4 - 1 7 - 3 2 - 5 1 - 2 - 6 - 8 - 5 - 1 930 930 TUTAL 930 930 0.26-5 (OL A) 43.213.721 67.3 5.493 No. Obs. 930 Element (X) Mean No. of Hours with Temperature 40199 1912489 1 32 F 267 F 273 F >80 F 293 F 10F 4242016 2686255 62602 930 Dry Bulb 930 49825 53.6 4.261 39938

GLUBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

101 HILL AFB/UGDEN UTAH .7-70,73-78 0600-0800 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Poin 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 84/ 83 .1 •1 •1 82/ 81 .2 6 6 807 79 ,3 18 18 78/ 77 .6 1.6 .4 37 37 767 75 .1 63 2.0 1.2 63 •1 1.9 1.8 ī 74/ 73 83 83 727 71 3.4 127 .. 127 70/ 69 3.8 124 2.0 124 68/ 67 3,3 3.4 1.2 135 135 2.9 66/ 65 2.6 3.3 2.5 138 138 2.2 1.4 .8 71 64/ 63 71 16 62/ 61 57 1 1.0 57 .5 .3 60/ 59 32 32 58/ 57 20 20 16 148 567 55 193 40 54/ 53 52/ 51 44 6 174 .2 6 115 65 48/ 47 115 40 46/ 45 104 107 44/ 43 72 39 86 85 35 367 46 34/ 33 32/ 31 22 28/ 27 6 26/ 25 24/ 23 22/ 21 TOTAL .3 1.3 3.7 6.111.414.419.417.313.0 8.2 2.4 1.4 930 1910627 <del>4</del>0485 930 Rel. Hum. ≥ 67 F ≥ 73 F ≥ 80 F 930 59.6 4385558 63660 Dry Bulb 93 2794763 54,7 4,157 50835

GLOBAL CLIMATOLDAY BRANCH JSAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 07-70,73-78 JUL HILL AFB/DGUEN UTAH PAGE 1 0900-1100 HOURS (L. S. T.) TOTAL TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Point Temp. WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 92/ 91 90/ 89 9 8 22 22 • 3 88/ 87 ·1| ·2 ·3|1·7 2.6 2.5 .6 86 86 86/ 85 84/ 83 1.5 2.4 2.5 2.3 .2 92 92 1 82/ 81 3.8 3.2 1.7 1.0 111 111 79 120 120 103 1.0 3.1 3.0 3.2 78/ 77 2.3 122 122 76/ 75 2.0 105 105 2.4 74/ 73 . 8 1.8 68 . 2 68 .6 • 5 . 1 721 71 1.8 1.1 56 56 43 43 22 63/ 67 22 11 39 66/ 65 11 63 133 62/ 61 8 8 196 • 1 509 607 36 58/ 168 55 54/ 53 117 52/ 51 27 50/ 49 138 46/ 45 98 43 76 40/ 38/ 37 19 36/ 35 32/ 31 30/ 29 28/ 27 Element (X) Mean No. of Hours with Temperature No. Obs. Rel Hum. Dry Bulb Wet Bulb

GLOBAL CLIMATOLOGY BPANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC JUL HILL AFB/LGDEN UTAH 67-70,73-78 PAGE 2 0900-1100 HOURS (L. 5 T.) Temp (F) UTAL € € ð õ Element (X) 1269423 No. Obs. 2 x 32703 Mean Ho. of Hours with Temperature 930 267 F 273 F 89.9 77.8 Rel. Hum. 78.5 6.048 930 5760473 72977 Dry Bulb 35192 3287842 59.3 3.654 930 Wer Bulb 93

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GLOBAL CLIMATOLUGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

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MARKET STORES

HILL AFB/DGDFN UTAH JUL 7-70,73-78 PAGE 1 1200-1400 HOURS (L. S. T.) TOTAL TOTAL
D B. W.B. Dry Bulb Wet Pulb Dew Poin Temp (F) WET BULB TEMPERATURE DEPRESSION (F) . - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 100/ 99 98/ 97 96/ 95 94/ 93 93

92/ 91 1.7 125 4.5 125 3.5 88/ 87 2.3 129 129 86/ 85 84/ 83 1.3 2.7 3.2 • 8 130 130 1.0 1.2 3.5 2.3 .5 1.4 1.6 1.2 . 8 67 67 82/ 81 80/ 79 71 71 78/ 77 36 76/ 27 74/ 73 34 16 16 72/ 71 1 70/ 69 6 6 68/ 67 23 66/ 65 3 3 81 64/ 63 166 226 60/ 59 201 58/ 57 99 35 56/ 55 74 54/ 53 33 10 52/ 51 103 50/ 49 120 48/ 47 46/ 45 44/ 43 77 42/ 41

36/ 35 34/ 33 Element (X) Mean No. of Hours with Temperature Rel. Hum ±0 F Dry Bulb Wer Bulk

38/ 37

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GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC HILL AFB/UGDEN UTAH JUL 07-70,73-78 1200-1400 PAGE 2 HOURS (L. S. T.) TOTAL TOTAL
D.B. W.B. Dry Bulb Wet Bulb Dew Poin Temp. WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 32/ 31 30/ 29 28/ 27 26/ 25 22/ 21 18 930 930 .4 1.3 1.0 2.6 3.7 6.0 6.9 2.5 1.6 0.9 2.2 1.8 8.2 OTAL 930 No. Obs. Element (X) 25652 Mean No. of Hours with Temperature 835148 27.611.719 930 \*73 F \*80 F 89 • 2 76 • Rel. Hum. 10 F ≤ 32 F ≥ 67 F 85.0 6.332 60.4 3.621 79081 930 92.1 6761765 Dry Bulb 56206 930 3409076 Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH USAFFTAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC JUL HILL AFB/BODFN UTAH 47-70,73-78 STATION NAME MONTH 1500-1700 PAGE 1 HOURS (L. S. T.) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Poin WET BULB TEMPERATURE DEPRESSION (F) Temp. (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 231 104/103 100/ 99 3 12 57 12 57 98/ 97 96/ 95 5.7 94/ 93 1.5 8.6 101 101 •I 92/ 91 3.0 8.3 120 • 8 .8 120 3.1 3.4 6.5 3.8 2.7 1.4 907 89 8.1 8. 149 149 38/ 87 1.8 1.8 115 114 .3 1.1 1.9 2.5 86/ 85 1.9 40 .6 1.8 1.8 1.1 62 84/ 83 • 8 62 82/ 81 1.0 •6 1.1 28 58 80/ 79 .6 • 3 60 60 1.0 • 6 77 33 78/ 33 1.1 , 5 . 5 . 2 .3 .3 21 21 2 76/ 75 . 1 73 741 •1 •3 14 14 72/ 71 10 1 .2 10 • 1 70/ 69 • 1 10 10 68/ 67 2 57 66/ 05 129 1 64/ 63 203 62/ 61 11 60/ 59 225 57 58/ 144 18 56/ 55 35 54/ 49 2/ 51 60 12 50/ 49 100 48/ 47 46/ 45 104 87 44/ 43 42/ 41 95 74 40/ 38/ 37 66 36/ 35

No. Obs.

Mean No. of Hours with Temperature

The second was a second of the

Element (X)

Rel. Hum. Dry Bulb Wet Bulb

GLOBAL CLIMATOLOGY BRANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC HILL AFB/UGDEN UTAH JUL 67-70,73-78 PAGE ? 1500-1700 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin 1 2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 \*31 34/ 33 32/ 31 30/ 29 22 25 28/ 27 9 26/ 25 22/ 21 20/ 19 TOTAL .6 2.4 2.2 5.0 3.2 7.0 9.0 0.1 1.7 2.3 34.2 929 929 ŧ. 929 Ü O C (OL Element (X) No. Obs. 664481 22553 929 +67 F +73 F +80 F +93 F ± 0 F 86.9 6.486 59.9 3.646 7055298 80778 930 92.2 90.0 80.0 Dry Bulb 3340797 55607 929 Wet Pulb 1863224 41014 93

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

24101 HILL AFB/UGUEN UTAH PAGE 1

Temp.						WET	BUL B	TEMPER	RATURE	DEPRE	SSION (	F)			<del></del>			TOTAL		TOTAL	
(F)	0	1 - 2	3 · 4	5 - 6	7 - 8							21 - 22	23 - 24	25 . 26	27 - 28	29 - 30	÷ 31	D.B./W.B.	Dry Bulb		Dew Point
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96/ 95		( (	Î				ĺ	[	ĺ	ĺ	[	1 :		1	[	1	.5	5	5	1	[
94/ 93														<del>                                     </del>	•1	.3			26		
92/ 91								1	1	1				•1	.4	1.5	4.4	60	60		
90/ 89						<del> </del>		l ——		i		•1	•1	•6	1.2	1.9	4.8	83	83	l	
88/ 87						ļ	i	1	İ	i	.1	1	1.4		2.7	2.4		97	97		
86/ 85						i	·	<u> </u>	<del> </del>	<del> </del>	.3	1.2	1.4	4.7	2.6	1.2	1.0	116	116		
84/ 83							!			.4	1.6	1.4		2.2	1.7	.6		100	100		
82/ 81							i		i	.6	1.3	2.8	2.3	2.8	1.3	.2		105	105	<u> </u>	i
80/ 79								.2	.3	1.8			1.4	• 8	.3	.2	1	85	85	ļ	
78/ 77							.2	.8		.6	.8	•8	•9	.9	• 1	.1		58	58		<u> </u>
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74/ 73					٤.	•4	.8	1.1	.9	.3	.4	•5	•3	•1		Ī		48	48		
72/ 71		[		.1	• 1	• 5	1.3	.5	.3	[	. 2	• 2	3	ĺ	Ĺ	[	1	34	34		<b>!</b>
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46/ 45		j ļ					ļ	Ì			į	1	}	}	j		]	]			103
44/ 43		ļ					<u> </u>		ļ	ļ	<b> </b>		<u> </u>	<del> </del>		<u> </u>				<del> </del>	89
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36/ 35		ļ							<del> </del>	├─		<del> </del>		<del> </del>	<b>├</b> —	<del> </del>	<del> </del>	<del> </del>	<b> </b> -	<del> </del>	24
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32/ 31		F 112			<u></u>	<del></del>	<del></del>	<del>  _</del>	ــــــــــــــــــــــــــــــــــــــ	No. 61	<u> </u>	L		<u></u>	<u> </u>	1	<u> </u>	L	<u> </u>	<u> </u>	16
Element (X)		ΣΧ,			Σχ		<u>x</u>			No. Ol	)5·			. 20. 5				h Tempera			<del></del>
Rel. Hum.												<u> </u>	<u>-   -                                 </u>	± 32 F	≥ 67		73 F	> 80 F	* 93	<u></u>	Total
Dry Bulb															<del> </del>			<del> </del>	-		
Wet Bulb Dew Point															<del> </del> -	}-		<del> </del>			
Dem Loint				<u> </u>				L			i				<u>.                                    </u>			1	ــــــــــــــــــــــــــــــــــــــ		

GLOBAL CLIMATULOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 24101 HILL AFB/UGDEN UTAH
STATION NAME 47-70,73-78 1800-2000 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 30/ 29 16 28/ 27 26/ 25 22/ 21 10 930 .9 1.4 2.2 3.4 4.6 3.9 5.7 6.8 0.5 1.2 4.0 0.4 8.6 5.5 TOTAL 930 930 Element (X) No. Obs Mean No. of Hours with Temperature 26924 76433 948848 930 267 F 273 F 280 F 293 F Rel. Hum 29.013.503 ≤ 0 F 82.2 6.876 58.9 3.575 Dry Bulb 6325645 930 90.9 930 3236353 54761 93

USAFETAC **PSYCHROMETRIC SUMMARY** AIR MEATHER SERVICE/MAC HILL AFB/OGDEN UTAH JUL J-70,73-78 MONTH PAGE 1 2100-2300 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B. W.B. Dry Bulb 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 ≥ 31 88/ 87 86/ 85 24 • 6 39 92 82/ 81 1.0 3.0 2.0 92 1.6 1.0 80/ 79 3.8 2.2 2.5 .8 124 124 2.8 .1 78/ 77 1.0 4.0 2.8 3.4 .9 • 1 134 134 76/ 75 120 1.8 T20 2.6 74/ 73 99 99 1.2 1.3 1.2 2.0 72/ 71 1.2 88 88 1.4 • 2 70/ 69 76 76 68/ 67 • 4 1.0 1.1 . 8 46 46 66/ 65 • 3 34 34 64/ 63 18 18 28 • 1 .1 62/ 61 19 97 60/ 59 . 3 10 104 58/ 57 3 201 27 55 56/ 172 33 54/ 59 137 52/ 51 54 60 80 50/ 49 48/ 47 71 109 43 91 42/ 41 72 70 40/ 39 38/ 64

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VALUE OF STREET

40 25

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Mean No. of Hours with Temperature

267 F 273 F 280 F 293 F

= 0 F

ğ A second to the second with the second secon

34/ 33

24/ 23 22/ 21 Element (X)

Rel. Hum.

Dry Bulb Wet Bulb

31 30/ 29 28/ 26/ 25

32/

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GLOBAL CLIMATOLOGY BRANCH

GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC 24101 HILL AFB/UGDEN UTAH
STATION STATION NAM 67-70,73-78 PAGE 2 2100-2300 HOURS (L S. T.) WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 | 26 | 27 | 28 | 29 - 30 | 231 | D.8./W.B. Dry Bulb Wer Bulb Dew Point 20/ 19 18/ 17 TUTAL .3 1.0 2.2 3.1 4.2 3.9 8.4 9.0 4.2 4.6 4.9 1.5 7.2 3.2 1.6 930 930 õ Element (X) Mean No. of Hours with Temperature 35.614.173 33067 1367335 930 267 F 273 F 280 F 293 F Rel. Hum. 10 F 74.9 5.884 56.6 3.607 930 63.4 22.2 5251975 69667 84.4 Dry Bu b 2997643 930 93 52681 Wer Bulb 1859869

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

24101 HILL AFB/UGDFN UTAH ..7-70,73-78

STATION STATION NAME

PAGE 1

HOURS (1.5.1.)

Temp						WET	BULB 1	FUDE	ATHRE	DEPPE	SSION (	E)						TOTAL		TOTAL	
(F)	0	1 - 2	3 . 4	5-6	7 - 8								22 24	25 - 26	27 29	20 30	≥ 31	D.B./W.B.	Dev Bulb		Daw Po
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98/ 97		<del> </del>		1					`								• 4	16	16		
96/ 95		!		1 1		•				.0				1		.1	1.0	79	79		
94/ 93		<del>                                     </del>				1			<del></del>	.0	.0		•0	•0	•1	.4		191	191		i
92/ 91		ł		1			ļ			.0	, ,		.0	• 2	4	1.0	1	281	281		ļ
90/ 89				ii	<del>-</del>				•0			•1	.2	.6	1.1			379	379		
88/ 87		l		! į					.0	.0	.1	• 2	.9	.9	1.4	1.0	• 7	388	389		
86/ 85		i							.0	.1	.3	• 9	1.2	1.7	1.0	.5	•5	452	452		
84/ 83						.0				.3	.7	1.2	1.3	. 9	. 6	.2	• 2	396	396		
82/81							.0	. 1	.2	.6	1.1	1.5	1.1	1.0	•4	.1	•1	465	465		
80/ 79		<u> </u>				<u> </u>	.0	. 3	.5	1.	1.3	1.6	, 9	.7	.3	.2	•1	532	532		
78/ 77	-			i i		•0	.1	.5	.8	1.2	1.5	1.3	1.1	• 3	.1	.0	1	520	520	1	
76/ 75		!					.3	1.0	9	1.7	1.3	1.0	.6			0		523	523	4	
74/ 73:		1	1		, i	• 3		1.0	1.3	1.7		•7	•2	•0	•0	ł		534	534	2	Ì
72/_71		! 		.0		.6		1.5	1.7	1.5	1.0	2	-1	•0				569	569	1	
70/ 69		1	•0		• 3			1.5		1.3	• 5	• 1		•0			i	541	541	6	4
68/ 67		<del> </del>		. 2	. 5	<del></del>		1.5	1.0	.9	.2	• 1		•0		<u> </u>	<del> </del>	471	471	55	
66/ 65			• 1	.4	. 8	_		, 9		.4	.1	• 1					ļ	410	410	216	
64/ 63			2	. 3	<u>خ</u> و	<u>• 7</u>	-6	.6	5		-0					<b> </b>	<del> </del> -	263	263	600	34
62/ 61	•0	• 2	• 2		•4		- :	.5										195	195		80
60/ 59				3	. 2		.4			.0							<del> </del>	105	105	1315	179
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42/ 41		1	<b> </b>													1	<u> </u>		<b></b>	14	63
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38/ 37		T		1					1						i	T	i			1	51
36/ 35		!		i l		ļ	<u> </u>	ļ										ļ	L	l	438
Element (X)		ΣX²			z <sub>X</sub>		X	<b>"</b> ,		No. Ob	8.				Mean I	No. of H	ours wit	h Tempera	ture		
Rel. Hum.				ļ								± 0 1	F :	32 F	≥ 67	F	73 F	≥ 80 F	₹ 93	F	Total
Dry Bulb				ļ																	
Wer Bulb				ļ														<u> </u>			
Dew Point				<u> </u>				<u> </u>										L			

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USAFETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 24101 HILL AFB/GGDFN UTAH 47-70,73-78 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 34/ 33 199 32/ 31 89 30/ 29 28/ 27 27 26/ 25 22/ 21 20/ 19 18/ 17 16/ 15 7439 .8 1.9 3.0 4.8 7.1 9.7 9.6 1.0 9.4 9.2 7.5 6.7 5.4 4.7 8.8 TOTAL 7439 7439 Mean No. of Hours with Temperature Element (X) 34,714,500 76,7 9,317 258435 570919 7439 267 F 273 F 280 F 293 F 634.3 476.2 293.8 29.1 10542101 10F Rei. Hum. 7440 Dry Bulb 44456045

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GLOBAL CLIMATOLOGY BRANCH

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GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

MARINE STATES

24101 HILL AFB/URUEN UTAH
STATION NAME

67-70,73-78

ΔUG

PAGE 1

0000-0200 HOURS (L, S, T.)

Temp						WET	BULB 1	FEMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 26	27 - 21	8 29 - 3	30	,.B./₩.B.	Dry Bulb	Wet Bulb	Dew P
84/ 83													•2	• 2			7	, <del>-</del> - 3	6	!	
82/ 81									[		.1	• 2	.3	• 2			1	8	8		
80/ 79						i				.3	.4	•4	•4	•4	•1		2	22	22		<del> </del> -
78/ 77		1		[		ĺ			.3	.8	.3	1.5	1.0	8.		. 1		44	44	İ	[
76/ 75		1		i		<del></del>	•2	.4	.4	1.1	2.8	1.2	1.9	•2	.1	1		78	78	1	<del> </del>
74/ 73				i			-	.6	1.5	2.0			1.9	•1	. 1		i	116	116		
72/ 71		- <del> </del>		†i	.2	•2	1.0	1.4	2.2	1.7	3.4	2.3	1.2		1			126	126		
70/ 69				.1	, 2	8.	1.1	1.5	1.6	3.0	3.7	1.7	•5		İ		Ì	132	132		
68/ 67			• 3	. 5	• 8	1.8	1.2	1.7	1.6	2.3	1.0	.9		1		<del> </del>	T	112	112	1	
66/ 65		.2	. 5	.1	• 5	1.1	.2	.6	1.6	1.4	.6	•1					1	66	66	l	
64/ 63			.3		•9		.4	.5	1.6	1.8	•5					1		69	69	14	
62/ 61		1 1	• 3	.3		. 3	.5	1.2	.9	. 8	ļ				İ		ĺ	40	40	25	
50/ 59			• 2	.5	•1	•4	.4	1.2			•1							33	33	64	
58/ 57 ¦		.2	• 1		• 2	.9	•1	. 8							İ			23	23	106	1
56/ 55		• 1	• 3	•2	• 3	• 9	.3	.1		.2						]		23	23	127	1
54/ 53		8	.3		• 2	.4	•2								İ		1	18	18	133	[ 2
2/ 51		. 2	• 3		•3	• 1	<u> </u>											9	9	144	7
50/ 49		1	. 2	1 1		•1	Í .							ĺ	1			3	3	127	1
48/ 47		• 1	•1	1		i	1		1									7	2	97	5
46/ 45		-				1			1		[	ĺ		[	[	-	1	1		62	5
44/ 43					i															24	-
42/ 41				j i	j	ļ	ļ		•		ļ			]				1		5	5
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20/ 19																				1	
18/ 17								Ĺ						<u> </u>	1	<u>.                                    </u>					
Element (X)		Σχ2			z <sub>X</sub>		X	σ <sub>A</sub>		No. Ol	3.				Mean	No. of	Hours wil	th Tempero	ture		
Rel Hum.												± 0	F	≤ 32 F	26	7 F	≥ 73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb																					
Wet Buib																					
Dew Point																					

FORM 0-26-5 (OL A) REVISED MEYICUS EDITIONS OF THIS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR HEATHER SERVICE/MAC

24101 HILL AFB/UGDEN UTAH

## **PSYCHROMETRIC SUMMARY**

24101 HILL AFB/UGDEN UTAH (37-70,73-78

PAGE 2 0000-0200 HOURS (L. S. T.)

Temp						WET	BULB	TEMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7. 2	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulk	Wet Bulb	Dew Poin
TUTAL		1.6	3.1	1.8	3,0	8.3	11 - 12 5.7	10.1	2.5	15.4	6.3	1.1	7.5	1.9	•5	.3		930	930	930	930
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		<del> </del> -					<u> </u>							<del> </del>			<del> </del> -	<u> </u>		<u></u>	
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											<u></u>							<del>  </del>			
										<del> </del> -				<del> </del>	<del> </del>						
													·								
														<b></b> -			!				
		ļ 																			
Element (X)		Σχ²			z x		X	<b>"</b> g		No. Ob	<u>.</u> . ]	L		<u></u>	Mean h	lo. of H	ours with	h Temperat	ute.	L	<u> </u>
Rel Hum			0140		349	72	37.6	5.90	06	9	30	= 0	F ,	32 F	≥ 67		73 F	> 80 F	* 93 1	=	Total
Dry Bulb		442	4812		638	54	68.7	6.4	97	9	30				64	. 4	27.4	2.2			93
Wet Bulb			5669		489	39	52.6	4.61	R 3	9	36										93
Dew Point		154	5337		370	93	39.9	8.4	21	9	30			17.9				]			93

C FORM 0-26-5 (OLA)

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GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR MEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

HILL AFB/DGDEN UTAH

07-70,73-78

PAGE 1

AUG MONTH 0300-0500 HOURS (C. S. T.)

Temp.							BULB 1											TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew P
82/ 81										Ì				•1				1	1		
30/ 79		li								.1	[	•6	.3			•1		11	11		
78/ 77									. 2	.1	• 3		• 1		• 1	•1		9	9		
76/ 75		<u>                                     </u>					į	.1	.2	.5	.1	•2	,6					17	17		İ
74/ 73						• 1		.2	1.1		1.2	.8	• ?					46	46	į	
72/ 71					• 1	• 1	.4	1.2	2.3	1.8	2.7	1.3	• 1	ا ﴿ •				96	96	<u> </u>	L
70/ 69				. 3	.3	. 4	1.0	1.4	1.8	2.7	2.5	1.4		!				110	110		
68/ 67			• 1	• 1	• 5	1.0		1.7	2.7	3.9	1.7	• 5		Li				130	130		<u> </u>
66/ 65		• 1	• 3	1.3	1.3	1.7	1.9	2.5	2.5	3.5	1.7	• 2						159	159		
64/ 63		• 1	• 4	.2	.6	1.9	.6	1.5	2.0	1.2	.6							87	87	11	<u> </u>
62/ 61				. 5	1.5	.5		1.3	1.8	, 8	, 1				Ţ			67	67	18	
60/ 59		i		.5		• 2	1.0	1.7	1.6	.4	<u> </u>			1				51	51	50	L
58/ 57		• 2	•4	•2	•2	1.4	1.5	. 8	.8									51	51	61	ļ
56/ 55		.3	٤.	.1	• 2	1.0	.8	.8				l						32	32	117	<u>l</u>
54/ 53		. 8	•5	•1	•2	•4	1.1		·	!	i	Ī						29	29	112	1
52/ 51,		• 2	• 2	.2		•1		.1	<u> </u>	l	]						ļ	14	14	145	<u> </u>
0/ 49		•1	• 5		.3	•1	•1	•1	<i>-</i> -			i						12	12	123	
48/ 47		1	• 3		.3	• 1	<u> </u>		l	]	l	l						8	8	131	<u> </u>
46/ 45		1		i		i			i ——	Ī		i								86	<b> </b>
44/ 43				l			! _	ļ	i		l	l				_				52	
42/ 41					i I			i		]							l		i	17	1
40/ 39					l		l	<u> </u>	L	l	L			l			I		l	4	
38/ 37								Į – –												3	
36/ 35		l						i		L		l		j	i			<u> </u>			<u> </u>
34/ 33		i –		1							Ì	}					ĺ				
32/ 31		[		l_					l	l	l	İ					L		[		<u> </u>
30/ 29			 											i	T						
28/ 27		l		L	L	L	1	<u></u> _	<u></u> _			<u></u>	L				<u> </u>		L	<u> </u>	
26/ 25		1		i															l		1
24/ 23		l	İ						L	L				<u> </u>	<u>                                      </u>			L			
22/ 21		1				]														]	
20/ 19		<u> </u>												<u></u>						<u> </u>	<u> </u>
DTAL		1.9	3.2	3.7	6.3	9.1	10.8	13.3	7.0	10.5	11.0	5.1	1.4	• 4	•1	• 2		930	930	930	9
Element (X)		Σχ²	L	-	ZX	<del>'</del>	X	**		No. OI	35.	<u> </u>	<u> </u>	<u>i</u>	Mean N	o. of H	ours wit	h Tempera	l	1 . 20	J
Rel. Hum.		183	5254		385	32	41.4	10.0	32	9	30	<b>= 0</b>	F	: 32 F	≥ 67	F	73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb			4750		606	74	65.2	6.2	53	9	30		$\neg \vdash$		42.	0	8.4		7		
Wet Bulb			7726		476	86	51.3	4.9	34		30		_					1	1		
Dew Point			1851		367		39.6				30		$\neg \vdash$	19.9				†	1		

GLOBAL CLIMATULUCY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

The second second

24101	HILL AFB/UGDEN UTAH	<sub>0</sub> 7-70,73-78		AUG
STATION	SYATION NAME	YEARS		MONTH
			PAGE 1	0600-0800

Temp							BULB T										TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18		21 - 22	23 - 24	25 - 26	27 - 28 29 -	30 > 3:	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Poir
82/ 81			. ,	ı į			[				.1				j	j	1 1	1		ļ
80/ 79											.3	• 3	• 3				9	9		
78/ 77							l j		.3	,	•1	• 1	• 1	•1	- }	İ	10	10		
76/ 75								. 5	.4	1.3	.3	• 3	.3	• 1			31	31		
74/ 73							.2	. 4	1.0		1.3	• 4	• 4	• 1		1	50	50		1
72/ 71					.1	•4	.5	1.7	1.6		1.8	•3	• 2		l		78	78		
70/ 64			ļ	. 3	• 2	1.1	1.4	1.9	2.5		i -	• 9	• 1				127	127		
68/ 67			• 4	.4	.4	1.4			2.7			• 4					131	131		<u></u>
66/ 65			• 2	• 4	• 9	1.9	1.4	2.6			1.5						138	138	1	1
64/ 63			• 1	.5	•6	1.9	1.1		2.5	1.1	-6						103	103	11	<u> </u> _
62/ 61			• 2	, 3		8.	.6	1.4	1.9			1			1		60	60	26	- 5
60/ 59			• 2	.3		1.0	1.0	1.6	•9	.2				<u> </u>	!		51	51	42	7
58/ 57		-1	-3	• 2	•1	• 9	1.7	1.1	• 8	j				i	i		43	43	95	9
56/ 55		.2	• 6	.4	• 3			5		ļ				<u> </u>			42	42	106	20
54/ 53		.3		•2	•2	•6	• 2	. 2	•1	1							22	22	117	29
52/ 51		. 2		.2	• 5	• 2		<u>.1</u>		<u> </u>							14	14	137	35
50/ 49			• 3	• 2		• 1	•1			Ì				ł i		1	10	10	139	68
48/ 47			• 3		•1	•1				<u> </u>							5	<u>ت</u>	111	68
46/ 45		1				į į				ļ	}	}	}	ļ ļ	- 1	1	!		85	56
44/ 43			]								<u> </u>					!			39	60
42/ 41		)					]			j	ļ	Ì	}	) )		1			17	65
40/ 39											<u> </u>	<u> </u>							2	82
38/ 37		!									ļ	İ		1 1		ļ			3	96
36/ 35		1									<u> </u>	<u> </u>					<u>                                     </u>		<u> </u>	88
34/ 33		i 1										Į.			. 1	l			1	79
32/ 31		<u> </u>			ļ					<u> </u>	<u> </u>			<u> </u>			<u> </u>		<u> </u>	60
30/ 29		i			İ	ĺ										- 1			İ	41
28/ 27					<u>                                     </u>															35
26/ 25											<b>!</b>	<b> </b>			İ	-			ļ	18
24/ 23		<u> </u>								<u></u>							1			5
22/ 21												!							1	2
20/ 19											<u></u>	<u></u>					1			2
OTAL.		.9	3.4	3.7	4,6	11.6	11.2	16.5	18.4	15.7	9.5	2.8	1.5	• 3			930	930	930	930
Element (X)		Σχ²			ZX	<del>'                                     </del>	X	•	`	No. Ol	5.	L	<u> </u>	<u></u>	Mean No.	f Hours wi	th Temperat	ure	1	<u> </u>
Rel. Hum			8896		389	58	41.9				30	: 0	F I	2 32 F	≥ 67 F	≥ 73 F	≥ 80 F	e 93	f T	Tatal
Dry Bulb			7620		608	56	65.4	6.1	74		30				43.7	10.1			<del></del>	93
Wet Bulb			5226		480		51.7				30						<del>                                     </del>	+		93
Dew Point			3619	<del></del> -	375		40.3				30			16.3			<del></del>	+		93

AC FORM 0.26-5 (OLA) PY

AFETAC FORM S.2.

13 EF 1

GLOBAL CLIMATULUCY BRANCH USAFETAL **PSYCHROMETRIC SUMMARY** 2 AIR WEATHER SERVICE/MAC HILL AFB/OGDEN UTAH 67-70,73-78 t 0900-1100 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point 92/ 91 90/ 89 €. 88/ 87 1.0 31 31 86/ 85 1.7 88 88 84/ 83 2.6 1.6 1.0 2.9 2.4 89 89 82/81 106 80/ 79 1.9 2.8 2.8 106 94 94 113 € 113 76/ 75 .8 87 87 71 1.6 2.3 80 72/ 55 70/ 69 •1 68/ 67 .8 66/ 65 65 64/ 63 . 3 15 92 17 165 58/ 57 10 134 146 56/ 55 115 52/ 51 59 50/ 49 48/ 47 Ò6 38/ 37 36/ 35 32/ 31 30/ 29 28/ 26/ 25 Element (X) Mean No. of Hours with Temperature Dry Bulb Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC 24101 HILL AFB/UGDEN UTAH 67-70,73-78 0900-1100 WET BULB TEMPERATURE DEPRESSION (F)
TOTAL

1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point 22/ 21 2.8 3.3 6.0 8.4 8.4 3.5 3.8 6.5 11.2 8.7 6.0 2.0 930 930 33.712.462 75.7 7.284 930 Rel. Hum. 1200743 ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F 930 5373044 70364 65.1 Dry Bulb 52604

GLOBAL CLIMATULOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/HAC AUG HILL AFB/DGDFN UTAH 67-70,73-78 YL ARS PAGE 1 1200-1400 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp (F) D.B./W.B. Dry Bulb Wet Bulb Dew Poin 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 > 31 100/ 99 98/ 97 9 96/ 95 9 94/ 93 4.0 68 68 92/ 91 90/ 89 90 90 2.4 88/ 87 3.5 123 123 2.6 1.8 111 111 86/ 85 88 84/ 83 .8 2.4 1.1 1.1 88 82/ 81 1.3 83 83 1.5 .3 88 88 1.6 79 1.3 80/ 59 59 78/ 77 .8 .6 1.2 75 1.2 1.4 , 4 46 46 76/ •1 • 3 30 30 73 23 23 72/ 71 .3 11 70/ 69 • 2 8 9 8 10 68/ 67 66/ 65 34 .3 12 11 .5 . 3 12 78 64/ 63 11 155 62/ .1 184 6 60/ 58/ 57 138 138 56/ 55 34 100 54/ 53 49 50 52/ 51 61 48/ 47 77 46/ 102 42/ 41 0.26.5 87 40/ 39 77 38/ 37 36/ 35 34/ 33 Element (X) Rel. Hum. ≤ 32 F Dry Bulb Wet Bulb

GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 24101 HILL AFB/OGDEN UTAH
STATION NAME PAGE 2 1200-1400 WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 32/ 31 30 30/ 29 28/ 27 26/ 25 24/ 23 22/ 21 ·8 1.6 3.7 4.1 5.1 7.2 8.210.311.913.410.920.3 930 930

No. Obs.

24357

76851

53921

770905

6407919

26.211.965

82.6 7.854

58.0 4.234

930

930

930

± 32 F

Mean No. of Hours with Temperature

267 F | 273 F | 280 F | 293 F

88.2 84.0

MATTER CONTRACTOR OF THE STREET

•

Element (X)

Rel. Hum.

Dry Bulb Wet Bulb GLOBAL CLIMATULUGY BRANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/HAC 7-70,73-78 HILL AFB/OGDEN UTAH PAGE 1 1500-1700 WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 102/101 100/ 99 3 98/ 97 96/ 95 42 42 57 91 94/ 93 92/ 91 5.4 7.2 57 91 90/ 89 118 118 110 110 88/ 87 86/ 85 107 107 1.7 84/ 83 92 92 1.2 70 70 82/ 81 80/ 79 66 66 78/ 77 42 28 28 76/ 75 23 23 74/ 73 72/ 71 . 2 15 15 12 70/ 69 12 68/ 67 10 33 66/ 65 11 11 64 64/ 63 •1 10 10 107 62/ 61 •2 151 60/ 59 2 10 58/ 57 157 167 56/ 123 26 54/ 53 1 39 52/ 51 68 50/ 49 30 56 46/ 45 68 42/ 41 40/ 39 83 38/ 37 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 1 0 F ≤ 32 F ≥ 67 F ≥ 73 F Dry Bulb

Wet Bulb

GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC HILL AFB/UGDFN UTAH AUG 24101 67-70,73-78 PAGE 2 1500-1700 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 | 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 | 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 | 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 | 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 27 - 28 | 29 - 26 | 2 34/ 33 65 32/ 31 30/ 29 31 28/ 27 26/ 25 26/ 25 26/ 25 24/ 23 22/ 21 929 ·4 1·2 1·4 1·9 2·5 2·6 5·5 5·0 8·0 8·5 3·5 2·4 35·0 929 TOTAL .5 929 929 Element (X) No. Obs. Mean No. of Hours with Temperature 929 21706 Rel. Hum 663030 23.412.960 ≥ 67 F ≥ 73 F ≥ 80 F 6651413 78243 84.2 8.145 929 88.6 Dry Bulb 3073692 53292 57.4 4.230 929 1.3 Wet Bulb

Selling med State 28 Valence and Section 19 1 1 1

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

24101 HILL AFB/UFDEN UTAH
STATION STATION NAME

7-70,73-78

AUG Month 1800-2000

Temp ;											SSION (							TOTAL	l	TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	41 - 22	23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew
96/ 95									1								•1	1	I		$\Box$
94/ 93									ļ							.1	1.2	12	12		ĺ
92/ 91		1													• 3	•4	2.4	29	29		
90/ 89		ĺ		[			ĺ								• 4	1.4	2.6	41	41	-	
88/ 87									i —	!			.4	•6	1.5	2.0	3.3	74	74		$\Box$
36/ 85				1						]	.3	• 2	• 6	1.2	2.2	. 8	1.4	62	62		
34/ 83										.2	•1	1.2	1.9	2.5	2.8	3.0	•5	114	114		
32/ 81					İ		į		.1	.3	1.2	• 9	2.4	2.7	2.0	• 9		97	97	Ì	
30/ 79						•1	• 1	.3	.4	1.0	-8	1.3	2.6		1.4	.8		96	96		<u> </u>
78/ 77						• 1	.3	. 3	1.3	.9	1.1	1.1	1.3	1.3	.8	•1		79	79		
76/ 75						• 1	•4	•5	1.0	.9	1.6	1.8	1.4	•9	• 4			84	84		$\Box$
74/ 73					•1	• 4	• 4	.6	•9	.5	1.0	.5	• 4	• 5				51	51	[	
72/ 71				• 1	• 3	• 3	• 3	.9	. 4	.6	.6	• 9	• 5					47	47		
10/ 69		]:		1	• 3	• 3	• 3	.4		.4		_ • 3						35	35	1	
8/ 67			• 1	• 2	•2	• 4	• 2	.3	•8		.4							32	32	2	
6/ 65		·	.1	.1	.2		.3	- 4	. >	.3	.2	• 1						22	22	2.0	_
4/ 63		1	• 1	•1	.2	• 1	•2	• 3	• 3	•	]						Ì	13	13	40	
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GLOBAL CLIMATOLUGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

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GLOBAL CLIMATULDGY BPANCH USAFETAC AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

HILL AFB/LGDFN UTAH

.7-70,73-78

2100-2300

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Dry Bulb

PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC HILL AFB/UGDEN UTAH AUG 67-70,73-78 2100-2300 HOURS (L. S. \*.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F)

1 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point Temp (F) 18/ 17 16/ 15 927 1.5 1.4 2.2 3.7 4.9 6.6 5.6 9.4 9.1 1.7 5.0 4.7 8.8 4.3 1.3 TOTAL 927 927

No. Obs.

727

957

927

Mean No. of Hours with Temperature

267 F 273 F 280 F 293 F 74.3 50.2 11.4

34.116.016

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CONTRACTOR SANGEROUSE

GLOBAL CLIMATGLOGY BRANCH

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GLOBAL ALIMATULOGY BRANCH USAFFTAL AIR MEATHER SERVICE/MAC 24101 HILL AFB/UGDEN UTAH

### **PSYCHROMETRIC SUMMARY**

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3741.01	-							PAGE 1										ALL			
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VEETAC FORM

GLOBAL CLIMATOLOGY BRANCH USAFFTAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 24101 HILL AFB/DGDEN UTAH
STATION STATION NAM 67-70,73-78 PAGE 2 ALL HOURS (L. S. T.) TOTAL TOTAL
D.B. W.B. Dry Bulb Wes Bulb Dew Poss WET BULB TEMPERATURE DEPRESSION (F) 7 - 8 | 9 - 10 | 11 | 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 34/ 33 575 32/ 31 30/ 29 428 300 219 28/ 27 26/ 25 24/ 23 22/ 21 127 48 20/ 19 18/ 17 16/ 15 13 DTAL .9 1.8 1.9 3.0 5.2 5.9 8.0 9.9 0.1 0.3 9.0 8.3 6.5 6.2 4.6 8.4 7433 7433 7433 (OL A) No. Cha. Element (X) 10119995 248093 7433 7433 550732 74.1 9.986 744 41546470 54.7 5.187 22439459 406579 7433 744 Wer Bulb 

GLOBAL CLIMATOLOGY BRANC'S JSAFFTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE /MAC SEP HILL AFE/LECEN DEN 66-70,73-77 PAGE 1 0000-0200 HOURS (L. S. T.) Temp WET BULB TEMPERATURE DI PRESSION (F) TOTAL TOTAL 1 . 2 3 4 5 . 6 7 8 9 . 10 11 . 12 12 . 14 15 . 16 17 18 17 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 82/ 81 180/ 79 .1 78/ 77 ٠2 10 10 17 17 . 0 72/ 71: 42 70/ 69 56 1.8 1.6 ) . 4 56 •1 68/ 67 1.8 63 • 6 63 1.1 66/ 65 75 75 1.6 1.8 .8 76 64/ 63 76 62/ 61 91 91 ç 60/ 59 73 73 1.9 57 58/ 75 8 56/ 55 83 83 44 54/ 53 51 51 5 52/ 51 44 1.6 44 101 40 17 40  $\Pi\Pi$ 33 48/ 47 48 48 45 18 147 18 44/ 43 38 12 12 91 41 79 66 40/ 39 8 8 59 82 38/ 37 .2 86 33 79 32/ 31 86 30/ 29 73 28/ 67 56 30 22/ 21 20/ 19 18/ 17 16/ 15 "lemen\* (Y) No. Obs. Mean No. of Hours with Temperature free tians Dry Bulb

GLOBAL CLINATOLOGY BRANCH USAFETAL **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC HILL AFB/OGDEN UTAH SEP 66-70.73-77 PAGE 2 0000-0200 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 D.B. W.B. Dry Bulb Wet Bulb Dew Point 14/ 13 900 900 6.2 6.611.312.415.012.712.6 7.9 4.4 1.2 1.0 DTAL 900 900 37456 37456 No. Obs. Element (X) Mean No. of Hours with Temperature 41.610.729 1810416 900 Rel. Hum, 10F ± 32 F 267 F 273 F 280 F 293 F 3248109 59.5 8.160 900 53567 Dry Bulb Wet Buis 1980764 41950 46.6 5.318 900 1115842 900

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

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GLOBAL CLIMATOLOGY BRANCH USAFETAL AIR WEATHER SERVICE/MAC

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#### **PSYCHROMETRIC SUMMARY**

SEP 66-70,73-77 HILL AFB/OGDEN UTAH PAGE 1 0600-0800 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 3 3 74/ 73 12 27 .4 12 72/ 71 70/ 69 27 . 8 68/ 67 1.3 31 31 •3 ٠î 59 66/ 65 .4 71 64/ 63 71 .0 62 62 62/ 61 .6 .6 80 80 607 59 1.0 1.7 3.7 95 95 9 58/ 57 76 56/ 55 76 18 54/ 53 .6 1.9 1.7 64 57 84 1.9 84 88 527 51 2.7 13 1.7 66 86 50/ 49 1.1 66 •4 . 9 48/ 48 48 103 35 •6 1.2 1.2 45 .6 1.2 47 47 109 29 46/ 36 45 36 129 44/ 43 •6 1.2 1.0 18 67 18 108 .6 . 2 81 407 39 . 3 •3 ·I 8 88 37 • 3 8 58 38/ • 1 71 367 35 31 75 32/ 88 81 30/ 42 28/ 52 26/ 25 60 23 24/ 23 22/ 21 20/ 17 18/ 17 11 16/ 15 9Ó0 3.0 5.8 7.811.816.219.614.911.3 6.2 2.3 1.1 900 TUTAL 900 900 No. Obs. Element (X) Mean No. of Hours with Temperature 2134981 41527 46.115.604 900 Rel. Hum. 10F ≥ 67 F ≥ 73 F ≥ 80 F ± 32 F 911 2866284 50300 55.9 7.827 900 Dry Bulb 40503 45.0 5.660 90 1851573 900 1.5 Wet Bulb 90 900 1103535 30695 34.1 7.939 38.5

GLOBAL CLIMATOLOGY BRANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC HILL AFB/UGDEN UTAH SEP 66-70,73-77 STATION NAME PAGE 1 0900-1100 HOURS (L. S. T.) WET BUILT TEMPERATURE DEPRESSION (F) TOTAL TOTAL 10 . . . 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | > 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 88/ 87 86/ 85 3 • 2 84/ 83 82/ 81 .4 • 3 15 15 79 60/ 27 •6 78/ 77 31 76/ 56 56 1.2 73 1.9 1.1 .8 70 70 . 2 72/ 71 65 65 70/ 69 1.0 88 88 2.2 1.3 1.7 1.2 68/ 67 66/ 65 .6 68 68 04/ 63 63 63 62/ 61 • 8 .8 57 57 60/ 59 66 66 32 59 58/ 57 . 8 1.6 47 47 55 56/ 1.0 1.0 . 8 108 53 54/ 32 32 107 51 118 50/ 49 18 18 • 6 116 48/ • 2 21 21 107 14 91 44/ 43 .3 67 89 42/ 41 • 1 47 39 40/ 87 38/ 37 82 11 36/ 40 34/ 33 66 32/ 31 78 30/ 29 28/ 27 49 26/ 25 24 22/ 21 20 Element (X) Mean No. of Hours with Temperature ≥ 67 F | + 73 F | ≥ 80 F ± 0 F 1 32 F Dry Bulb Wet Bulb

W. K

GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC HILL AFB/OGDEN UTAH SEP 06-70,73-77 0900-1100 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 7 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 20/ 19 18/ 17 16/ 15 5 1.6 3.3 5.0 5.6 9.2 2.3 6.1 5.7 0.6 8.8 5.3 2.3 1.7 900 900 TUTAL .2 900 900 õ Clement (X) Mean No. of Hours with Temperature 33403 58801 1442949 37,115,035 900 ≥ 80 F ≥ 93 F Rel. Hum. ± 0 F ± 32 F ≥ 67 F ± 73 ₽ 3914633 65.3 9.005 900 Dry Bulb 49,8 5,416 900 2260893 90 44845 Wet Bulb

APPENDING TO

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

\$101	HILL	AFB/L		UTA					06-	70,7	3-77		VI	ARS					SE	P NTH
			-		0412								.,	,AKJ			PAGE	1	1200-	-140
Temp			•		WET	BULB	TEMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
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8/ 87													•1	•3	.7	1.3	22	22		
36/ 85	j	l		-								.1	.6	•6	1.2	1.0	31	31		
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2/ 81							[			.1	•4	1.4	2.1	2.4	.8	ļ	66	66		
10/ 79				<u> </u>	i				.3	1.0	2.1	1.8	1.6	1.3	• 4		77	77		-
8/ 77					İ				.3	.6	2.7	.8	1.4	1.2			63	63		
6/ 75							.1	.4	1.0	1.4	1.8	2,8	1.6	• 3	<b></b>		85	85		<del> </del>
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4/ 63			.3	•1	•1	• 3	.6	.6	9	.9	٠3		<del> </del>				37	37		
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el. Hum.			<del> </del>								101	-   -	32 F	≥ 67	FZ	73 F	≥ 80 F	≥ 93 1		Total

FORM 0.26-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC HILL AFB/OGDEN UTAH SEP 66-70,73-77 PAGE 2 1200-1400 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) D.B./W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 24/ 23 22/ 21 20/ 19 18/ 17 16/ 15 900 900 TÜTAL 1.9 2.9 3.9 5.2 7.711.313.011.710.410.0 8.1 5.8 4.3 900 900 র õ

No. Obs.

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900

±0.F

± 32 F

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Mean No. of Hours with Temperature

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≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F

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Element (X)

Rel. Hum.

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GLOBAL CLIMATULURY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

24101 HILL AFB/UGDFR UTAH 66-70,73-77 SEP

STATION STATION NAME PAGE 1 1500-1700
HOURS (L. S. T.)

· · · · · · · · · · · · · · · · · · ·																		,		HOURS (	
Temp		,						TEMPER						,	<del>,</del>	, ,	<del>,</del>	TOTAL		TOTAL	
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86/ 85			- 1			į				!			. 3	•6	1.3		2.3	48	48		
84/ 83										İ	l	• 3	•4	1.1	1.9	1.7	1.0	58	58	L	
82/ 81											• 2	• 6	• 1	1.2	3.0	1.1	• 3	64	64		
80/ 79			ļ							<u> </u>	1.1	1.2		3.0	•6	.9	•1	87	87		
78/ 77										• 1	• 1	1.0	1.4	1.8	1	1.0		62	62		
76/ 75							• 1	.2	• 3	.2	1.3	2.07		2.3	• 4	•1		87	87		l
74/ 73								• 1	.7	1.3	1.2	2.4	1.9	•8	• 7	l		82	82		
72/ 71						• 1	.1	.2	•6	1.1		1.2	1.0	• 4	• 2			61	61		ĺ
70/ 69						• 2	.3	•7	•7	•9	.9	1.4	•2	T				48	48	i	
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28/ 27										İ		1							1		61
Element (X)		ZX2			žχ	<u> </u>	x			No. Ob	·s.				Mean I	No. of H	ours wit	h Tempero	ture	·	<del></del>
Rel. Hum.		<del></del>							-			10	F	32 F	≥ 67		73 F	≥ 80 F	4 93	F	Total
Dry Bulb									$\neg$						<del>                                     </del>	_			1		
Wet Bulb									_						<del>                                     </del>	_		<del> </del>	<del>                                     </del>		
Dew Point						$\dashv$									<del>                                     </del>			<del> </del>	+	<del></del>	
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GLOBAL CLIMATOLOGY BRANCH USAFFTAL **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 24101 SEP HILL AFB/OGDEN UTAH 66-70,73-77 1500-1700 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Buib Wet Buib Dem Poin 26/ 25 24/ 23 23 22/ 21 19 20/ 19 15 187 17 16/ 15 .9 1.0 1.2 2.0 2.7 3.4 4.1 7.2 7.1 9.7 2.6 1.1 1.7 9.7 6.7 9.0 900 TOTAL 900 0.26.5 (OL A) 27.313.972 Element (X) No. Obs. Mean No. of Hours with Temperature 846036 24566 900 Rel. Hum. 10 F 73.7 9.712 900 4971844 65320 Dry Bulb 46894 900 2464666

GLOBAL CLIMATOLOGY BRANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC HILL AFB/OGDEN UTAH 66-70,73-77 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 | 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | × 31 90/ 89 88/ 87 .3 6 86/ 85 16 .6 84/ 83 28 82/ 81 80/ 79 78/ 77 34 2.1 1.0 • 4 50 76/ 75 2.0 67 76 74/ 73 74 72/ 71 1.9 70/ 69 1.1 2.1 • 6 1.8 84 68/ 67 1.3 65 66/ 55 •3 60 64/ 63 62/ 61 60/ 59 62/ 1.6 1.0 .3 38 .6 57 37 58/ 27 55 53 25 18 52/ 51 19 50/ 12 • 3 48/ 47 46/ •1 44/ 43 42/ 41 40/ 39 37 36/ 35 34/ 32/ 31 307 29 28/ 27 26/ 25 24/ 23 Element (X) Mean No. of Hours with Temperature

SEP

1300-2000

TOTAL

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10

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67 76

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Rel. Hum. Dry Bulb Wet Bulb

GLOBAL CLIMATOLUGY BRANCH **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/HAC SEP HILL AFB/OGDEN UTAH 66-70,73-77 PAGE 2 1800-2000 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 D.B./W.B. Dr, Bulb Wet Bulb Dew Poin 22/ 21 20/ 19 16/ 15 14/ 13 1.3 1.7 2.6 4.3 6.2 6.2 1.0 0.0 1.0 2.7 1.6 9.4 4.8 3.4 2.3 1.4 900 TOTAL 900 Mean No. of Hours with Temperature Element (X) 267 F 273 F 280 F 493 F 52.3 28.8 7.6 1246753 30501 900 33.915.395 ± 0 F 90 4180693 60783 57.5 9.171 900 Dry Bulb 2294054 45222 50.2 4.924 900 Wet Bulb 35.8 7.608

25. 20.888 A. C.

GLOBAL CLIMATULOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

4101	<u> </u>	ILL A	FB/U							66-	70,7	3-77									EP
STATION				s <sup>,</sup>	TATION N	AME								YE	ARS			PAGE	1	2100	+2300 -2300
Temp						WET	BULB	TEMPER	RATURE	DEPRE	SSION	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	<b>≯31</b>	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poi
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80/ 79						<u> </u>				İ _		_	.6		.1	.1		7	7	<u> </u>	1 _
78/ 77				i	]			Ī	Ī	1		• 2	•4	•6	•1	•1		13	13		1
76/ 75		į			İ	1		ļ		.1	.2	.9	1.0					26	26	1	1
74/ 73				i						1.0	1.2	1.3	.7	•0	İ			43	43	Ī	Ī
72/ 71		!		!				-	.6	1.6	2.0	1.1	1.8	• 3	!			66	66		1
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66/ 65		1		.3	•1	•2	1.4	.9	2.0	1.6	2.1	•6	•1			i		84	84		
64/ 63		1	ì	.4	.4	1.1	1.0	.9	1.3	1.9	1.8	.3	ļ			ļ		83	83	ļ	1
62/ 61			ļ	•2	8.	•9	1.3	2.4	1.8	1.0	•6			$\overline{}$				81	81	<del>                                     </del>	<del></del>
60/ 59		l		.3	. 2	.7	1.1	2.6	2.3	.8	.2	ļ		ļ				74	74	7	
58/ 57		1	• 4	•2	1.3	•8	1.6	1.8	.9	.6								69	69	8	2
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54/ 53		1	• 7	.4	·	·			.4	+	1	<del></del>	<del> </del>	<b></b> -	l			38	38	118	6
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46/ 16 16 88 40 44/ 43 68 78 65 35 42/ 40/ 39 38/ 37 36/ 35 16 112 70 82 68 34/ 33 32/ 31 30/ 29 70 28/ 27 20/ 25 24/ 23

25 17 20/ 19 18/ 17 16/ 15 Element (X) Pel. Hum. ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F Dry Buib Wet Bulb

21 22/

GLOBAL CLIMATOLOGY BRANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR MEATHER SERVICE/MAC 24101 HILL AFB/DGDFN UTAH STATION NAM SEP 66-70,73-77 PAGE 2 2100-2300 TOTAL TOTAL
D.B. W.B. Dry Buib Wet Buib Dew Poi WET BULB TEMPERATURE DEPRESSION (F) Temp (F) 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 \* 31 14/ 13 TUTAL 900 900 900 (OL A) Element (X) Mean No. of Hours with Temperature 38.516.468 62.3 8.288 47.8 5.004 900 Rel. Hum. 1579295 34669 ₹ 73 F ₹ 93 F 2 47 F \* 80 F 9<u>00</u> 3557039 56087 Dry Bulb 90 43054 900 2082118 Wet Bulb

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFFTAC AIR WEATHER SERVICE/MAC SEP HILL AFB/UGGEN UTAH ALL PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | > 31 D.B./W.B. Wet Bulb Dew Port 94/ 93 •0 10 10 92/ 91 35 90/ 89 35 62 62 88/ 87 92 92 •5 86/ 85 139 139 • 3 84/ 83 . 8 176 176 -ਰ •1 82/ 81 233 .8 233 80/ 79 •6 223 2.23 78/ ٥٠ 335 335 . 8 . 8 76/ 75 74/ 73 72/ 71 383 303 1.1 1.3 409 409 • 3 460 460 • 3 •0 70/ 69 1.1 448 448 •6 68/ 67 488 1.8 , 9 1.3 488 66/ 65 . 8 503 503 • 3 63 • 6 477 62/ 61 •0 465 465 170 60/ 59 440 440 329 58/ 393 393 673 20 55 56/ 825 310 310 39 53 921 85 304 304 .8 1.0 52/ 51 136 248 248 865 .6 50/ • 8 211 211 830 240 .0 48/ 47 137 137 780 45 • 3 .2 46/ .4 •3 105 632 405 105 .3 44/ 43 55 35 463 582 42/ 41 32 32 300 668 39 +1 40/ 20 668 20 37 • 1 193 38/ • 1 • 0 • 1 750 82 36/ .5 34/ 33 • Oi 596 •0 683 32/ 31 513 13 30/ 29 416 28/ 27 Mean No. of Hours with Temperature Rel Hum. ≥ 80 F i ≥ 93 F Dry Bulb Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 24101 HILL AFB/GGDEN UTAH 66-70,73-77 MONTH PAGE 2 ALL HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 26/ 25 363 24/ 23 22/ 21 253 188 20/ 19 113 18/ 17 BŢ 16/ 15 39 14/ 13  $\Pi$ .0 1.9 3.0 4.4 6.6 8.310.311.311.410.4 9.0 7.3 5.5 4.0 2.9 1.9 1.9 TOTAL 7200 7200 7200 7200 70EM Element (X) No. Obs. Mean No. of Hours with Temperature 7200 268879 12048307 37.316.698 300.7 169.0 63.6 Rel. Hum. 30496634 462100 64.210.794 7200 720 Dry Bulb 17281489 350203 48.6 5.868 Wet Bulb 7200 720 266.0

GLOBAL CLIMATULOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

24101 HILL AFB/QGDFN UTAH 56-70,73-77

STATION STATION NAME

PAGE 1 0000-0200
HOURS (C. S. T.)

Temp.		,	,								SSION (							TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16		19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.		Wet Bulb	Dew Po
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70/ 69												•1			ļ		1	1	1		<u> </u>
58/ 67								_			•2	• 4						6	6		
66/ 65		ļ						.2	•2	.1	•2	•1					<u> </u>	8	8		
64/ 63						• l	_	• 2	• 5	. 3		-			ŀ		i	11	11		
52/ 61		·			• 1		.3	.4	.3	1.2	•1	l						23	23		
50/ 59				• 1	_	• 3	.3	•2	1.0	1.2							1	29	29		
58/ 57		ļ		•1	• l	•4	. 8	1.1	1.4	.2							ļ	38	38		
56/ 55			• 2	• 4	•2	• 4	1.7	2.7	1.2									64	64	3	
54/ 53		ļ	• 1	•1	•3	1.1	3.3	2.2	.6	•1								73	73	5	<u> </u>
52/ 51			• 1	• 4	•9	2.6	3.0	1.2	.4									80	80	5	
50/ 49		<u> </u>		• 8	. 8	2.6	2.2	1.4	.1								<u> </u>	72	72	20	ļ
48/ 47			1.0	1.3	1.0	3.2	1.1	1.3										82	82	23	
46/ 45		ļ	1.3	1.4	2.5	2.6	1.4	•2							ļ		J	87	87	38	·
44/ 43		.3		1.0	1.7	1.9	• 6					ł						59	54	112	I
42/ 41		.4	1.1	2.2	1.5	1.9	.9							ļ		<u> </u>	<del> </del>	74	74	120	
10/ 39	• 1		1.2	1.7	1.6	1.6				ĺ								63	63	128	3
38/ 37		.8	1.3	1.9	1.7	• 3			L					ļ				56	56	103	2
36/ 35		•5	1.6	1.0	. 8	_								ļ			1	36	36	108	4
34/ 33		.3		•9	• 1	•1			<u> </u>					L			ļ	21	21	91	5
32/ 31		.2	1.2	• 2	• 4	• 2	i							İ			1	21	21	67	6
30/ 29		L	.3		.4									ļ				7	7	54	9
28/ 27	l.	.2		•1										1	1	Ì	1	6	6	20	13
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lement (X)		Σχ²		<u> </u>	z X		<u>7.</u>	<b>"</b> x		No. OL	8.							h Tempera			
tel. Hum.				L					_ _			± 0 I	•   •	32 F	≥ 67	F	≥ 73 F	≥ 80 F	> 93	F	Total
Dry Bulb				ļ		_										_					
Wet Bulb	L							<u></u>													
Dew Point	l					ł		l	ļ		į.		- 1		1	1		1	1	1 -	

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC HILL AFD/DGDEN UTAH DCT 66-70,73-77 0000-0200 PAGE 2 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 · 2 3 · 4 5 · 6 7 · 8 9 · 10 11 · 12 13 · 14 15 · 16 17 · 18 19 · 20 21 · 22 23 · 24 25 · 26 27 · 28 29 · 30 • 31 • 1 3 · 4 2 · 3 1 3 · 5 1 4 · 1 1 9 · 5 15 · 6 1 · 1 5 · 8 3 · 4 · 5 · 6 (F) D.B./W.B. Dry Bulb Wet Bulb Dew Poin TOTAL 930 930 930 Element (X) Mean No. of Hours with Temperature 2310184 43898 47.216.009 930 Rel Hum ± 0 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F ≤ 32 F 930 4.4 43721 47.0 8.596 Dry Bulb 37.8 5.963 26.5 7.497 930 17.4 35193 93 1364801 Wet Bulb

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Dew Point

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GLOBAL CLIMATULURY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY

Temp						WET	BULB 1	TEMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F) J	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71									.1									1			
70/ 69			l	. 1	-			.1	. 1	į			.1	1				3	3		
6B/ 67		i						.1					•1	<u> </u>			i	2	2		
66/ 65		[ ]		[	ſ			.2			. 1	• 3		[ '	[		1	6	6	[	[
64/ 63		i			- <del></del> i			.2	.1		•1				i			4	4		i
62/ 61				l	.1	• 2	.3	.2	.3	.2	.2			1			ì	15	15	İ	i
60/ 59						• 3	• 2	•2	1.1	.8				i			1	24	24		
58/ 57				• 1	. 3	• 2	.3	1.0	1.5	.2				•	i i		1	34	34	1	{
56/ 55			• 1	.4	.2	• 5	1.0	1.1	.8	.1				<u> </u>				39	39	3	1
54/ 53			i	.1	.3	•9	1.2	1.5	.4					1			İ	41	41	3	ì
52. 51				•2	.0	2.2	2.7	1,5	.4									71	71	10	
50/ 49			.3	8	1.2	2.8	3.0	1.2	.1					l	1			87	87	14	İ
48/ 47			.8	•6	1.0	3.2	1.2	1.5									T	77	77		2
46/ 45		. 1	1.0	1.4	3.1	2.4	1,3	.1						1	]_ [		]	87	87	31	6
44/ 43		.4	1.1	3.2	1.6	2.0	.9	•1							!			87	87	73	14
42/ 41		• 1	•9	2.7	1.9	1.3	,2											66	66	98	9
40/ 39		• 4	1.3	1.8	2.5	1.2	.4	j						[			]	71	71	116	26
38/ 37		. 6	1.8	1.5	1.8	1.1		<u> </u>									<u> </u>	64	64	135	24
36/ 35		1.3	1.6	1.5	1.2	• 1		[										53	53	115	35
34/ 33		.4	1.3	1.1	.6			l						<u> </u>			<u> </u>	32	32	99	54
32/ 31		.3	1.6	• 2	• 1													21	21	72	60
30/ 29		.4	1.3	•2	. 5			<u> </u>						Ĺ	<u> </u>		<u> </u>	23	23	58	99
28/ 27		,	• 6	• 1				]			]						]	7	7	51	96
26/ 25		.1	• 5	.2														8	8	13	101
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Element (X)		Σχ,			ZX		X	· **		No. O	1.							h Temperati	vr•		
Rel. Hum.												20	F	≤ 32 F	≥ 67	F	73 F	≥ 80 F	<b>* 93</b>	F_	Total
Dry Bulb																					
Wet Bulb																					
Dew Paint								1							1						

USAFETAC FORM 0.26

GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC OCT HILL AFB/GGDEN UTAH 66-70,73-77 0300-0500 PAGE 2 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin TOTAL 4.314.916.217.218.412.7 9.0 4.9 1.3 .2 930 •3 930 930 Element (X) No. Obs. Mean No. of Hours with Temperature 2496685 49.315.936 930 Rel. Hum. ± 0 F ≥73 F ≥80 F ≥93 F ≤ 32 F ≥ 67 F 45.1 8.553 36.7 6.094 41902 930 1955898 Dry Bulb 6.6 • 6 930 1283731 22.2 34085 Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY 2 AIR WEATHER SERVICE/MAC HILL AFB/OGDEN UTAH OCT 66-70,73-77 €. PAGE 1 0600-0800 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 68/ 67 8 66/ 65 8 64/ 63 . 2 8 8 .1 62/ 61 . 5 13 13 60/ 59 . 8 27 27 58/ 57 56/ 55 • 8 29 29 •2 54/ 53 52/ 51 43 43 .6 1.5 1.6 84 84 50/ 49 11 48/ 47 1.6 1.5 93 93 12 46/ 45 . 8 3.2 94 94 25 86 86 2.6 1.0 2.0 2.2 60 44/ 43 77 77 88 2.4 1.5 • B 64 64 105 40/ 38/ 37 . 9 76 76 145 65 65 124 2.6 1.7 36/ 35 1.4 55 34/ 33 1.6 31 31 100 . 8 . 8 32/ 31 1.0 28 28 76 . 8 . 8 27 27 65 30/ 1.3 49 87 TI 28/ 27  $\mathbf{\Pi}$ 108 11 26/ 25 11 24 23 18 90 24/ 79 22/ 21 20/ 19 58 18/ 16/ 15 25 33 14/ 13 ŝ 12/ 11 10/ 14 8/ 6/ 5.114.718.918.919.711.8 0.5 2.0 TOTAL FOEM AU 64 930 930 Mean No. of Hours with Temperature Element (X) 930 47178 50.715.353 1 32 F Rei Hum. 2612282 ≥ 67 F ≥ 73 F 1866295 44.0 8.377 930 8,2 40927 Dry Bulb 93 36.1 6.123 1247324 33580 930 24.6 93

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC HILL AFB/OGDEN UTAH 66-70,73-77 0900-1100 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | > 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 74/ 73 72/ 71 16 16 68/ 67 • 1 66/ 65 27 49 63 62/ 61 52 60/ 58/ 63 63 56/ 69 69 79 67 67 20 50/ 49 74 70 70 60 461 60 106 10 13 54 115 47 18 39 39 113 40/ 109 38/ 37 1.0 24 22 22 35 • 6 66 14 60 31 31 32/ 13 30/ 27 28/ 14 10 100 26/ 25 20/ 18/ 34 16/ 12/ 10/ Mean No. of Hours with Temperature ≥ 67 F ≥ 73 F Dry Buth Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC HILL AFB/OLDEN UTAH 66-70,73-77 DCT 0900-1100 PAGE 2 HOURS (L. S. T.) TOTAL TOTAL

D.B. W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 8/ 930 930 DTAL 930 930 0-26-5 (OL A) x X X 7 40490 43.515.764 47751 51.3 9.356 37677 40.5 6.008 Element (X) No. Obs. Mean No. of Hours with Temperature 1993700 2533107 1559933 930 930 = 32 F ≥ 67 F | × 73 F | > 80 F 2.5 Dry Bulb

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 24101 HILL AFB/CODEN UTAH 06-70,73-77 DCT PAGE 1 1200-1400 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | \* 31 D.B. W.B. Dry Bulb Wet Bulb Dew Port 82/81 80/ 79 78/ 77 •5 22 • 3 76/ 75 14 74/ 73 . 2 •5 72/ 71 36 36 62 70/ 69 2.4 .8 62 2.2 68/ 67 64 64 1.6 2.9 65/ 65 71 71 2.0 1.7 1.1 1.0 56 64/ 63 1.8 56 62/ 61 1.0 2.0 52 52 1.8 60/ 59 66 66 58/ 57 69 **69** . 1 1.7 56/ 55 52 62 .2 1.7 1.0 1.6 53 54/ 1.7 13 39 39 50/ 43 .5 1.1 1.1 . 8 41 41 112 38 38 137 . 8 53 53 100 46/ 2.2 35 44/ 43 35 20 91 •3 421 16 41 26 26 100 17 40/ 39 17 97 35 38/ 37 17 17 84 52 •1 36/ 9 44 34/ 33 25 6 .1 • 1 32/ 133 30/ 29 17 84 28/ 26/ 54 22/ 21 63 20/ 19 42 28 18/ 17 16/ 15 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. H.m. Dry Bulb Wet Bulb

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GLOBAL CLIMATOLUGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR MEATHER SERVICE/MAC HILL AFB/USDEN UTAH DC T 66-70,73-77 PAGE 2 1200-1400 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 14/ 13 12/ 11 10/ 8/ 6/ 2.6 4.6 4.6 7.1 7.911.811.914.012.610.8 6.1 2.8 1.9 DTAL 929 929 9 2x 34338 37,016.393 Element (X) No. Obs. Mean No. of Hours with Temperature 1518606 929 Rel. Hum. 267 F 273 F 20 F 293 F 57.610.438 43.6 5.957 29.2 7.230 53508 3183032 929 Dry Bulb 1800373 40521 3.7 Wet Bulb 27173 64.5

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## **PSYCHROMETRIC SUMMARY**

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lement (X)         ∑X²         Z         X         Fx         No. Obs.         Mean No. of Hours with Temperature           el Hum         ± 0 F         ± 32 F         ≥ 67 F         ≥ 73 F         ≥ 80 F         ≥ 93 F         Total representations           ry Bulb         ± 0 F         ± 32 F         ≥ 67 F         ≥ 73 F         ≥ 80 F         ≥ 93 F         Total representations	8/ 17		]		<u> </u>										!							7
el Hum   10 F   132 F   267 F   273 F   280 F   293 F   Total ry Bulb	6/ 15							L	L			<u> </u>										
ry Bulb	lement (X)		Σχ,			z x		χ	_ *x		No. Ol	3.				Mean N	o. of Ho	ours wit	h Temperat	ur <del>e</del>		
<del></del>	el Hum												= 0 !	F	≤ 32 F	≥ 67	FR	73 F	≥ 80 F	≥ 93 1	1	Total
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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 24101 HILL AFB/OGDEN UTAH 66-70,73-77 PAGE 2 1500-1700 HOURS (L. S. T.) Temp (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 14/ 13 12/ 11 10/ 2/ TOTAL 2.9 4.2 4.8 5.4 8.511.211.614.611.511.5 6.2 4.1 1.4 1.4 930 930 930 930 C 9 70 PS Element (X) No. Obs. Mean No. of Hours with Temperature 33947 36.516.567 930 Rei Hum ≥ 67 F ≈ 73 F ≈ 80 F 57.910.669 930 93 3223943 53851 Dry Bulb • 8 93 1806778 40602 43.7 6.065 930 3.5 930 61.8

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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC 2 AIR WEATHER SERVICE/HAC GCT HILL AFB/OGDEN UTAH 06-70,73-77 1800-2000 PAGE 1 H7UPS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp (F) D.B./W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 7 31 78/ 77 . 1 76/ 75 73 7 • 1 • 2 72/ 71 10 70/ 69 17 68/ 67 35 35 •1 1.0 1.1 66/ 65 37 37 .8 1.0 1.0 64/ 63 48 73 2.8 62/ 61 73 60/ 59 82 57 58/ 52 52 75 53 68 52/ 51 2.0 1.5 68 67 67 49 89 65 65 48/ 47 69 <del>39</del> 130 46/ 52 52 138 97 41 38 80 38 .9 40/ 39 61 40 82 40 387 37 90 10 10 100 36/ 35 94 61 77 98 25 6 31 6 97 16 31 11 785 26/ 25 67 23 24/ 22/ 20/ 28 187 18 15 16/ 1.4/ 12/ 11 Element (X) Mean No. of Hours with Temperature 20F 2 32 F Dry Bulb Wet Bulb

GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 24101 HILL AFB/UGDEN UTAH
STATION STATION NAME 06-70,73-77 1800-2000 PAGE 2 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL
1 . 2 3 . 4 5 . 6 7 . 8 9 . 16 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 3 31 D.B./W.B. Dry Bulb Wer Bulb Dow Point Temp (F) 10/ 4/ 3.1 6.810.214.615.517.013.5 9.6 4.5 2.4 1.7 • 2 930 930 TOTAL 930 930 No. Obs. Mean No. of Hours with Temperature 2105258 930 Rel. Hum. ≤ 32 F ≥67 F ≥ 73 F > 80 F ≥ 93 F 930 2561078 48058 Dry Bulb 41.1 5.909 29.4 7.264 930 Wet Bulb 1604389 6.5

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GLOBAL CLIMATOLSKY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

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STATION				57	ATION N	AME								Y	CARS			PAGE	: 1	2100-	2300 L. S. T.)
Temp.							BULB											TOTAL		TOTAL	
(F)	0	1 . 2	3 - 4	5 - 6	7 - &	7 10	11 - 12	13 - 14	15 - 16		19 20	21 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Wet Bulb	Dew Point
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66/ 65		<del> </del>					•1			.2	• 6	- 2					<del>}</del> -	5			
64/ 53						•1	.2		.3	.5	1.0	.1					ł	21	21		İ
62/ 61		<del> -</del>			•1	i	62	.8	В	.6	- 4						<del> </del>	28	28	<del> </del> -	
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56/ 55			-1	. 1		•6	3.0	3.4	.3	.3								79	79	3	l
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50/ 49		• 1		, 9	1.7	2.4	1.6	1.4										75	75	16	i
48/ 47		.2	• 9	1.3	2.6	2.4	1.2	. 4							l	l 		83	83	37	4
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44/ 43		.4	.8	2.0	1.9	1.6	. 8	<u> </u>										70	70	146	15
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18/ 17		<del> </del>								i —				<del>                                     </del>	<del>├</del>		†	<del> </del>		<del> </del>	46
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10/ 9		ļ						<u> </u>									1	1			4
8/ 7		<u> </u>			<b>*</b>	<u> </u>	<u> </u>	<u> </u>	<u>'                                    </u>	l	. 1		L	L	1	<u>Ļ.,</u>	Ц	<del></del>	<u> </u>	L.,	2
Element (X)		Σχ,			Σχ		<u> </u>			No. OL	*-			- 20 F				th Tempera		- 1	<del></del>
Dry Bulb				<u> </u>								± 0		32 F	≥ 67	-	73 F	≥ 80 F	≥ 93	<u> </u>	Total
Wet Bulb								<del> </del> -										<del></del>			
Der Point						-		<del> </del>					<del></del>		<del> </del>	$\dashv$		<del> </del>	+		
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USAFETAC FORM 1.24

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

24101 HILL AFB/UGDEN UTAH 66-70,73-77

STATION STATION NAME

PAGE 2 2100-2300
HOURS (L. S. T.)

Temp								BULB 1											TOTAL		TOTAL	
(F)		0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.8.	Dry Bulb	Wet Bulb	Dew Poin
4/	3																					1
UTAL			4.4	9.1	13.8	16.0	17.0	16.3	11.3	6.1	3.1	1.6	•6	• 4	•1				930	930	930	930
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Element	(X)		Σχ²	<u> </u>	-	ZX	<u> </u>	¥	•		No. O	bs.				Mean N	lo. of H	ours wit	th Temper	ature .	<u> </u>	<u> </u>
Rel Hun		<del></del>	229	6679	1	<del>-237</del>	23	₹ 47.0	16.1	09		30	± 0	F	≤ 32 F	≥ 67		73 F	≥ 80 F		F	Total
Dry Bull			224	1525	<del></del>	449	57	48.3	8.5	721	9	30			2.7	1.		• 2	1	1		93
Wet Bull			143	16665	31	361	57	38,9	5.7	71	9	30			13.0							93
Dew Por	nt		75	4701	1	255	97	27.5	7.3	49	9	30			70.0				1			93

AC FORM 0.26-5 (OL #

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

OCT HILL AFB/DGDEN UTAH 66-70,73-77 ALL HOURS (L. S. F.) PAGE 1

Temp						WET	BULB 1	EMPER	ATURE	DEPRE	SSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.		Wet Bulb	Dew Poin
82/ 81												Ī			•0	•0		2	2		
80/ 79 Ì				- 1		į				ĺ		•0		•0	•0	• 1		12	12		
78, 77		í								i	.0	•0	•0	•1	•1	•0		26	26		
76/ 75			ļ						.0		.1	•1	•2	•1	• 1	•0		39	39		
74/ 73									.1	.0	•1	•1	.1	•1	•1			36	36		
72/ 71		İ						.0	•1	.1	.3	• 3	•4	1				103	103		
707 69							•0	.1	.1	.4	•6	•6	•4	•0				158	158		
68/ 67	1		i				.0	.1	•2	.8	.9	• 5	.1	į				195	195		
66/ 65			<b></b>				•1	.2	.8	.8		.4	•0					217	217		
64/ 63						•0	• 2	.5	.9	. 8	.6	•1		1			1	236	236		_
62/61					•0	•2	.3	.8	1.0		.3	•0	<u> </u>	1			T	286	286		
60/ 59	ļ			.0	.0	•3	1.0	1,0		.9	.1	.0	1					376	376	3	
587 57			1	•1	•3	•4	1.2	1.9				1		1			1	421	421	13	
56/ 55			. 1	. 2	.3	•7	1.8		1.0	.2								452	452	32	
54/ 53			•1	•2	•3	1.2	1.9	1.5	.9	.1		İ	1	1	1	i		464	464	63	
52/ 51		•1	. 1	.3	.7	1.7	2.0	1.3	.3	.0	1				ļ	ł	1	487	487	219	
50/ 49		•1	• 2	.7	1.1	2.1	1.9	1.0	.1		1	1	<del>                                     </del>	1			1	538	538	378	- 6
48/ 47		•1	.6	.9	1.5	2.3	1.4	.7	.0	1	1	ł	1		1			558	558	515	32
46/ 45		• 2	.9	1.2	2.1	2.0		.1	.0	<del></del>	1	<del>                                     </del>	<del> </del>	<b>†</b>				566	566	505	52
44/ 43		.3	.7	1.5	1.5	1.6	.6	.0	.0							1		468	468	826	121
42/ 41		.3				1.2	.3	.0						1	<b> </b>			434	434	832	119
40/ 39	.0	1			1.2	1.0	,1	_			1				ł	ļ		390	390	834	226
387 37		.6		1.1	1.1	•4	.0			1			1	1	1		1	339	339	866	311
36/ 35	.0	1 .				• 1		}		i	1	1	ļ				1	224	224	711	497
34/ 33		•3				•0		<del>                                     </del>		1	1	1	1	1	1	<del></del>	1	140	140	544	571
32/ 31		.3	.0	.3	.3	.0	1							1			1	113	113	347	703
30/ 29		•2		-2			<del> </del>	<del>                                     </del>	<del>                                     </del>	1	1	<u> </u>	1	1	$\vdash$	<del>                                     </del>	<u> </u>	79	79	289	828
28/ 27		1		.1	1											1		36	36	174	781
26/ 25		.0				<del> </del>		<del>                                     </del>	<del> </del>	1	1	1	<del>                                     </del>	1	<b></b> -		T	28	28.	81	767
24/ 23	Ì	••	1	••						1	1			1				11	11	61	624
227 21		<del> </del> -	1	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	†	1	<del> </del>	<del>                                     </del>	1		1	1	5	5	30	491
20/ 19			••			1								1	1				1	11	462
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GLOBAL CLIMATULUGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC HILL AFB/UGDEN UTAH CCT 06-70,73-77 MONTH PAGE 2 ALL HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poir **T39** 12/ 11 90 10/ 7 23 8/ 6/ 2/ 0 3.6 9.211.513.115.314.111.1 8.5 5.6 3.9 2.1 1.1 7439 7439 z<sub>x</sub> 331173 No. Obs. Mean No. of Hours with Temperature Element (X) 44.516.739 50.410.487 7439 7439 267 F 273 F 280 F 57.1 11.5 68 16827511 Rel. Hum. ≈ 93 F 19688931 374675 Dry Bulb 12103994 99.8 296050 39.8 6.580 7439 Wet Buib .1 550.5 205899 7439

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** 2 AIR WEATHER SERVICE/HAC 66-70,73-77 NOV HILL AFB/UGDEN UTAH 0000-0200 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp, TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | > 31 60/ 59 58/ 57 • 2 56/ 55 O q 54/ 53 21 21 52/ 51 22 22 1.0 .6 .1 31 50/ 49 31 48/ 47 38 38 1.1 46/ 45 .6 2.6 58 58 1.8 2.4 58 58 19 42/ 41 63 1.6 2.2 . 7 2.0 63 30 40/ 39 3.7 2.9 3.4 **TU4** 104 35 38/ 37 2.0 3.8 85 85 104 11 2.7 36/ 35 2.0 70 70 17 2.7 TII .8 2.6 2.8 63 28 34/ 33 63 85 32/ 31 3.8 2.0 68 68 87 67 73 56 100 27 28/ 30 30 1.7 .0 26/ 25 41 41 63 1.0 . 8 23 27 87 247 27 50 19 88 1.0 19 39 12 15 102 15 61 18/ 17 . 3 58 16/ 11 II 12 15 .48 14/ 13 127 20 10/ 87 5 4/ 3 2/ 07 -2/-3-10/-11 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. ±0F Dry Bulb Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC NOV HILL AFB/UGDFN UTAH 66-70,73-77 PAGE 2 0000-0200 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp (F) TOTAL D.B./W.8. Dry Bulb Wet Bulb Dew Point 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 3 - 1 1 1 - 3 2 5 - 0 ? 1 - 3 2 0 - 4 9 - 6 6 - 6 1 - 6 1 - 0 1 900 900 ĝ Element (X) Mean No. of Hours with Temperature 51998 3248350 57.816.479 900 Rel Hum ≤ 0 F ± 32 F ≥ 73 F ≥ 80 F ≥ 93 F 1306739 921714 27.2 48.8 33373 37.1 8.775 900 Dry Bilb 900 90 31.3 6.649 Wet Bulb 28174 83.5

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

24101 HILL AFB/UGDEN UTAH

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PAGE 1 0300-0500

HOURS (L. S. T.)

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GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

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## **PSYCHROMETRIC SUMMARY**

24101 HILL AFB/GGDEN UTAH
STATION STATION NAME

66-70,73-77

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PAGE 2

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FORM 0.26-5 (OLA) REVISED PREVI

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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFFTAC AIR WEATHER SERVICE/MAC ицν 66-70:73-77 HILL AFB/OGDEN UTAH MONTH PAGE 1 0600-0800 TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F) D.B./W.B. Dry Bulb Wet Bulb Dew Poin 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 231 .1 58/ 57 567 55 11 11 54/ 53 .3 TB 18 . 8 52/ 51 13 13 8. 50/ 49 26 26 48/ 47 31 31 .6 . 1 44/ 43 66 66 407 39 81 81 55 37 2.4 3.4 1.8 38/ 92 89 89 36/ 35 •1 33 68 99 34/ 33 .3 2.6 3.4 113 77 327 31 67 55 87 67 .3 2.1 2.8 1.7 30/ 29 51 51 102 85 28/ 27 .9 2.8 48 90 66 26/ 25 1.6 34 23 241 1.2 1.7 49 93 23 23 22/ 21 .3 1.1 1.0 23 30 84 19 1.7 15 15 24 17 18/ 15 167 55 13 12/ 10/ 87 6/ 0/ -6/ -7 -8/ -9 10/-11 Mean No. of Hours with Temperature Element (X) ± 0 F Re! Hum. Wet Bulb

GLOBAL CLIMATOLOGY BRANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC HILL AFB/UGDEN UTAH NOV c6-70,73-77 MONTH PAGE 2 0600-0800 WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin TUTAL 900 900 0.26-5 (OL Element (X) No. Obs. 60.215.998 34.8 8.554 29.7 6.721 900 3497636 54196 Rel Hum : 32 F 35 • 2 ≥ 67 F = 73 F = 80 F = 93 F 1153279 833955 31285 900 Dry Bulb 26721 900 Wet Bulb 57.4

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GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

24101 HILL AFB/GGDEN UTAH

### **PSYCHROMETRIC SUMMARY**

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Dry Bulb Wet Bulb GLOBAL CLIMATOLORY BRANCH USAFETAC AIR TEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

24101 HILL AFB/LIGUEN UTAH

06-70,73-77

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PAGE 2

0900-1100

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

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24101 HILL AFB/UCDFN UTAH 66-70,73-77 NOV

STATION STATION NAME

PAGE 1 1200-1400
HOURS (1.5. T.)

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GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR JEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

24101 HILL AFB/UGDEN UTAH
STATION STATION NAME

06-70,73-77

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PAGE 2

1200-1400 HOURS (L. S. T.)

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FETAC FORM

GLUBAL CLIMATOLUGY BRANCH USAFFTAC AIR MEATHER SERVICE/MAC

**"学科技学"** 

#### **PSYCHROMETRIC SUMMARY**

THE REAL PROPERTY OF THE PARTY

24101 HILL AF 9/DGDFN UTAH
STATION STATION NAME 66-70,73-77 1500-1700 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPPESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Point 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 66/ 65 .3 6 64/ 63 .6 17 24 27 62/ 61 24 . 8 60/ 59 58/ 57 27 43 43 56/ 55 48 53 54/ 1.6 1.4 53 52/ 51 54 54 2.0 50/ 49 . 8 57 48/ 47 57 46/ 67 76 64 44/ 43 64 91 60 42/ 41 60 2.3 65 65 101 38/ .6 1.€ 49 37 37 46 46 97 36/ 35 34/ 33 37 37 76 64 75 1.0 .6 38 38 74 29 30/ 68 1.2 1.1 26 53 105 28/ 27 26 .8 • 6 106 .2 1.1 26/ 25 16 Iò 34 95 22/ 21 20/ 19 73 10 65 18/ 57 14/ 10/ 8/ 6/ -8/ -9 Element (X) Rel. Hum. Dry Bulb Wet Bulb

M 0.26.5 (OL A) BEYISED PREVIOUS EDITIONS OF THIS FORM ARE OBS

AFETAC FORM 0.76.5.00

Dew Point

GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFFTAC AIR JEATHER SERVICE/MAC HILL AFB/UGDEN UTAH NOV 56-70,73-77 1500-1700 HOURS (L. S. T.) PAGE 2 -10/-11 1.7 7.6 9.615.216.917.411.610.8 5.2 2.9 1.0 900 900 TOTAL 900 900

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FORM 0.26-5 (OL A) REVISED MEVIOUS EDITIONS OF THIS FOR

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Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

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GLOBAL CLIMATOLUGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

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STATION				51	ATION 4	AME								YE	IRS		PAGE	1	1800-	2000
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GLOBAL CLIMATOLOGY BRANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC NOV 24101 HILL AFB/UGDEN UTAH
STATION STATION NAM 66-70,73-77 1800-2000 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 +31 D.B./W.B. Dry Bulb Wer Bulb Dew Point 2.110.8 0.9 23.2 2 9.2 23.3 8.9 3.9 1.0 .0 .1 900 900 TUTAL 900 900 Element (X) Mean No. of Hours with Temperature 55.716.407 40.1 8.935 33.6 6.584 3036262 1520191 50148 36105 900 Rel. Hum. : 32 F ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F 900 90 19.1 Dry Bulb 900 30228 21942 37.5 90 1054226 Wet Bulb 90

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GLOBAL CLIMATOLDRY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

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## **PSYCHROMETRIC SUMMARY**

24101 HILL AFB/GGDEN UTAH
STATION NAME 66-70,73-77 2100-2300 HOURS (L. S. T.) PAGE 1

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42/ 41		1.4	1.7	2.0	3.7	• 9	.6	Ì								T		92	92	37	
10/ 39		.4	2.0	2.4	3.2	• 8	.2	Í						}	•		l	82	82	100	
38/ 37		.6	1.1	3.0	1.9	• 3												62	62	84	1
36/ 35		.4	2.9	2.7	1.6	• 2	}	į			1		ĺ	İ		L _	i	70	70	95	2
34/ 33	• 1	1.1	1.6	4.1	1.2									Ī				73	73	99	5
32/ 31	• 3		2.8	1.8	•3			<u> </u>										52	52	96	6
30/ 29	• 4		1.8	.9	•1			Γ									Ţ	42	42	82	6
28/ 27	. 4	2.0	2.8	1.c		<u> </u>	<u> </u>	İ	L					<u></u>	ļ	<u> </u>	<u></u>	56	56	101	9
26/ 25	• 3			. 8				1			}							39	39	58	9
24/ 23	.4		• 7	• 1		<u> </u>					i	<u> </u>						17	17	51	9
22/ 21	_	•2	•7	• 1	1	ĺ				i								9	9	19	9
20/ 19		.4	• i		l												<u> </u>	5	5	17	8
18/ 17		.7		.1	ļ		i	1			İ	1	l		1	1		11	11	9	1 .
16/ 15	• 1	• 1	.1	• 2	i	<u> </u>		<u> </u>		<u> </u>							<u> </u>	5	5	8	6
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4/ 3			<u> </u>		<u> </u>				L	<u> </u>		<u> </u>	<u> </u>	ļ	ļ	ļ		l			<u> </u>
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10/-11			ĺ														1				
lement (X)		Σχ²	L		z <sub>x</sub>	<del>'                                     </del>	<del> </del>	-	<del>'</del>	No. 01		<u> </u>	L	L	Mean	No. of I	lours wit	h Tempero	ure	l	<u> </u>
el. Hum,						T						± 0	F	± 32 F	≥ 67	7 F	≥ 73 F	≥ 80 F	≥ 93	F	Total
by Bulb																					
Wet Bulo				Ι																	
Dew Point															1			<del></del>			

GLOBAL CLIMATOLOGY BRANCH USAFFIAC AIR WEATHER SERVICE/MAC 24101 HILL AFB/OGDEN &

## **PSYCHROMETRIC SUMMARY**

24101 HILL AFB/OGDFN UTAH 66-70,73-77 NUV

STATION STATION NAME PAGE 2 2100-2300
HOURS (L. S. T.)

Temp						WET	BULB	TEMPE	RATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 16	17 - 18	19 - 20	21 - 22 2	3 - 24	25 - 26	27 - 28	29 - 30	<b>231</b>	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
TUTAL	2.2	12.1	71.7	22.4	20.3	10.2	7.7	2.1	1.2									900	900	900	Dew Point 900
			 						<u> </u>												
			ļ				ļ		ļ									ļ			
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	 							-	-	<u> </u>								<del> </del>			
<del></del>								-	-												
Element (X)		Σχ'			ΣX		↓ X	-,		No. O		<u> </u>			Mean I	to. of H	ours wit	h Tempera	ture	L	1
Rel. Hum.		315	3846		512	36	56,9	16.2	38	9	00	± 0 F		≤ 32 F	≥ 67	F	73 F	≥ 80 F	× 93	F	Total
Dry Buib		137	7629		343	35	38.2	8.6	81	9	00			23.6							90
Wet Bulb		96	7652		289	18	32.1	16.5	43	9	00			44,9							30
Dew Point		53	4247		208	31	23.1	7.6	13	9	00	•	5	81.4							90

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GLOBAL CLIMATOLOGY BRANCH USAFFTAG AIR WEATHER SERVICE/MAC

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## **PSYCHROMETRIC SUMMARY**

24101 HILL AFB/UGDFN UTAH 66-70,73-77

STATION STATION NAME

PAGE 1

HOURS (L. S. T./

																				·	HOURS	L. S. T./
Tem											DEPRE								TOTAL	<u></u>	TOTAL	
(F	)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18		21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	<del></del>	Wet Bulb	Dew Poin
66/	65	Ì						.0		.0	.0	. 1	•0		1				14	14		
64/	63							.0	.0	.1	.2	,2			1	<u></u>		1	34	34		
62/	61					•0	•0	•0	. 2	.2	.3	.0							54	54		
60/	59		_					• 2	.4	.5	.2								89	89		
58/	57					•0	• 1	.4	.6	.5	.2								125	125		
56/	55				• 0		• 3	.6	1.0	.3	.1				l	İ			167	167	1	
54/	53					.2	•7	1.2	.7	.4	•0							1	228	228	2	
52/	51		-	ļ	• 1	.4	• 9	1.4	.7	.2	.0				1				261	261	3	
50/	49			•0	• 2	. 8	1.8		• 5	•1									373	373	7	
48/	47		_	• 3	• 5	1.2	1.8	.9	. 3	•0					1	İ			360	360	60	1
46/	45		. 1	• 4	1.2	1.9	1.9	•7	.1						1	1			457	457	175	2
44/	43	j	. 3	• 8	1.6	2.1	1.5	5	.0					_	1	İ.			491	491	312	5
42/	41	•0	.6	1.2	2,2	2.5	1.3	• 2											580	580	452	24
40/	39		• 4	1.9	2.5	2.5	• 7	•2								1			588	588	621	53
38/	37	• 0	.6	1.8	2.3	2.3	•6	• 1										1	552	552	711	136
36/	35	ļ	.7	2.0	2.6	1.5	• 3								1				513	513	762	238
34/	33	• 2	.9	1.9	2.7	•9	• 2												479	479	730	327
32/	31	. 2	1.3	2.4	1.7	.6	• 0								1		İ		446	446	702	486
30/	29	. 3	1.4	1.8	1.5	. 3									Ţ				369	369	687	606
28/	27	.7	1.2	1.7	. 8	• 1										1			322	322	617	710
26/	25	• 4	1.2	1.4	.5	•0									T -				253	253	439	812
24/	23	. 3	. 8	• 8	• 2	. 1									1	l		l	160	160	355	667
22/	21	• 1	.6	• 5	• 1	•0												1	102	102	221	720
20/	19	• 1	• 6	. 3	• 1											j			74	74	133	653
18/	17	•0	•4	. 3	• 1												i		56	56	85	487
16/	15	.1	.1	• 1	• 1								] ,		1	l		1	35	35	55	368
14/	13		• 1	• 0	•0						T				T-	T			14	14	38	276
12/	11		.1								l :		i			<u> </u>	l		4	4	23	220
10/	9														T	T	l	$T^{T}$	<u> </u>		10	139
8/	7																			ł		100
6/	5										1				1			1	<del> </del>			75
4/	3										į					i	1		İ	1		30
2/	1														T	T		1		[	l	23
0/	-1												1		1	}					1	8
Elemen	nt (X)		Σχż			z x		X	<b>₹</b> ,		No. Ob	5.				Mean I	to, of t	ours wil	h Tempero	ture		
Rel. H	um.												± 0 i	F	≤ 32 F	≥ 67	F	≥ 73 F	≥ 80 F	≥ 93	F	Total
Dry Bu	ılb																					
Wer Bu	νlb																		Ţ <u></u>		<u> </u>	
Dew P	oint															1			1			

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GLOBAL CLIMATULDCY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC HILL AFB/OGDEN UTAH 66-70:73-77 NOV PAGE 2 ALL HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 27 - 30 > 31 D.B. We. B. Dry Bulb Wee Bulb Dew Poir (F) -2/ -3 -4/ -5 -6/ -7 -8/ -9 -10/-11 -14/-15 TOTAL 7200 2.411.319.721.117.412.1 8.0 4.5 2.2 1.0 7200 7200 7200 Mean No. of Hours with Temperature Element (X) 398628 283160 7200 24195802 Rel. Hum. 55.417.188 ± 32 F 39.3 9.804 7200 183,5 720 11828044 Dry Bulb 32.8 7.075 720 235889 7200 336.5 Wer Bulb 8088621 4359541 168025 23.3 7.803 4.2 641.4

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC HILL AFB/DODEN UTAH 66-70,73-77 00()0-0200 HOURS (L. S. T.) PAGE 1 MET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) D.B. W.B. Dry Bulb Wet Bulb Dew Pain 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 52/ 51 50/ 49 48/ 47 • 2 10 • 4 10 10 46/ 45 44/ 43 12 12 23 23 €. 42/ 41 •1 25 25 13 40/ 39 48 48 38/ 37 1.0 2.0 1.2 24 . 8 .5 3.2 1.5 .4 1.9 1.1 €. 35 53 53 38 34/ 33 50 50 43 13 1.3 3.3 3.0 2.2 4.7 3.3 76 22 327 31 106 105 50 30/ 29 60 27 3.3 3.8 2.0 94 74 88 21 91 91 51 26/ 25 3.2 4.1 121 64 23 3.9 2.5 64 101 76 21 13 4.0 2.2 61 6 i 93 22/ 20/ .9 3.3 47 80 71 77 47 47 18/ 17 4.1 43 39 100 16/ 15 3.5 52 . 1 13 32 84 - 2 18 18 71 21 15% 11 16 61 16 16 10/ . 8 8/ •1 11 33 35 6/ 4! 9 2/ 0/ -1 -3  $\frac{-10/-11}{-12/-13}$ 6.937.232.225.9 5.2 1.5 1.0 930 930 930 930 Element (X) No. Obs. Mean No. of Hours with Temperature 4506409 777780 601785 68.114.473 27.5 8.679 Rel Hum 930 ± 32 F 25584 930 Cry Bulb 68,9 93 24.3 7.400 17.8 8.182 22635 930 93 80.5 Wet Bui . 

**经验的数** \* #

GLOBAL CLIMATULOGY BRANCH USAFETAC AIR JEATHER SERVICE/MAC

24101 HILL AFE/UDDFN UTAL

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6.041.329.916.0 4.4 1.7 .6

#### **PSYCHROMETRIC SUMMARY**

PAGE 1

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0300-0500

WET BULB TEMPERATURE DEPRESSION (F) 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 D.B./W.B ₹ 31 50/ 49 12 48/ 47 13 13 46/ 16 ,3 42/ 41 •1 17 1.1 22 40/ 39 .6 .6 34 34 27 38/ 37 53 53 36/ 1.3 1.1 1.7 33 92 79 27 92 30/ 29 28/ 27 3.2 4.0 1.9 87 87 48 54 97 97 92 25 84 84 114 4.2 1.2 26/ 79 79 68 4.2 3.1 91 24/ 23 21 .3 6.2 1.7 109 73 22/ 45 86 83 50 18/ 100 30 47 30 26 13 2.2 26 30 78 79 18 10/ 9 20 41 10 10 10 10 12 37 1.1 6/ 21 \_.3

(0-70,73-77

No. Obs. Mean No. of Hours with Temperature Element (X) 68.314.108 330 63476 24910 ≥ 73 F > 80 F Rel Hom 4517368 10F ± 32 F 26.8 0.670 71.8 Dry Bulb 737042 430 93 22066 82.5 93

FORM 0 26.5 (OLA) REVISED MEYIOUS EDITIONS OF THIS FA

2/ 1 0/ -1 -2/ -3 -4/ -5 -6/ -7 -8/ -9

PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC HILL AFB/UGDEN UTAH DEC 66-70,73-77 PAGE 1 0600-0800 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 72 23 - 24 25 - 26 27 - 28 29 - 30 + 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 54/ 53 52/ 51 50/ 49 48/ 47 46/ 45 . 8 • 3 44/ 43 16 16 • 3 12 12 •1 28 40/ 39 28 .0 387 37 33 33 18 1.3 1.0 . 8 36/ 35 40 40 30 34/ 32 33 42 42 1.0 1.8 3.8 21 80 32/ 31 1.5 80 59 3.0 30/ 29 88 38 50 7.9 27 100 45 28/ 100 100 3.0 63 26/ 25 3.1 2.4 •6 70 112 70 62 24/ 23 3.6 2.9 .6 70 80 83 83 95 51 21 .2 6.7 227 1.3 82 61 102 20/ 19 3.9 61 3.9 51 85 18/ 17 51 59 98 36 36 37 13 21 1.0 72 26 26 10/ 1.0 q 25 60 1.0 10 8 38 5 6/ . 8 32 3

No. Obs.

929

929

929

58.514.587

26.2 8.913 23.3 7.701 16.7 8.526

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≥ 93 F

929

Mean No. of Hours with Temperature

\$ 32 F

73.2

82.6

90.6

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2/ 1

0/ -1 -2/ -3 -4/ -5 -6/ -7 -8/ -9

TUTAL

Element (X)

Rel Hum.

Dry Bulb

Wet Bulb

7.5/2.128.315.1 5.0 1.3

63648

24381

21613

4550146 713577

557861

2

GLOBAL CLIMATULOGY BRANCH USAFFTAL PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC HILL AFB/OGDEN UTAH DEC 55~70,73-77 PAGE 1 0900-1100 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 54/ 53 52/ 51 , î . 3 50/ 49 6 48/ 47 • 1 6 46/ 45 .5 • 1 25 25 44/ 43 21 15 42/ 41 -3 •8 40/ 39 38 38 38/ 37 1.9 47 47 .3 1.0 1.0 16 60 60 36/ 35 31 1.6 74 11 33 87 87 31 32/ 31 2.0 3.1 . 6 30/ 29 .6 2.4 3.5 2.4 87 87 79 79 46 28/ 27 .8 3.1 3.2 1.2 .8 2.7 3.4 .6 4.2 2.9 71 26/ 25 71 104 23 77 77 71 71 21 93 22/ .6 4.7 2.3 98 .5 2.4 39 39 77 20/ 19 1.2 98 17 .1 2.3 33 33 1.2 22 23 23 13 2.0 49 1.2 38 15 10/ 15 1.4 8/ .8 6/ 4 20 2/ 0/ -2/ -4/ -5 -5/ 930 5.834.629.817.3 8.6 2.9 1.0 930 TOTAL Mean No. of Hours with Temperature Element (X) 4326662 61882 66.515.001 930 Rel. Hum. ± 32 F 267 F 273 F 280 F 293 F 28.4 8.997 24.9 7.586 930 73 825648 63,2 Dry Bulb 26418 930 79.1 631073 23177 93 Wet Bulb 89.9 93

TO BE THE

GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY 2 AIR WEATHER SERVICE/MAC 24101 HILL AFB/UGDFN UTAH DEC 06-70,73-77 PAGE 1 1200-1400 WET BULB TEMPERATURE DEPRESSION (F) TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Poir € (F) 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 56/ 55 54/ 53 52/ 51 €. •1 50/ 49 11 11 48/ 47 •9 24 24 € 46/ 45 29 29 .6 29 25 44/ 43 1.0 • 6 42/ 41 1.0 1.0 . 5 51 51 ( 40/ 39 2.0 2.8 65 2.5 3.1 69 69 38/ 36/ 35 1.0 2.6 3.6 84 1.5 2.4 4.4 34/ 33 89 89 32/ 3.4 1.9 80 80 115 2.0 88 88 30/ 2.6 3.7 3.4 2.4 28/ 27 25 23 65 57 65 57 119 76 26/ 35 35 63 2.4 38 39 92 22/ 67 20/ 121 31 31 32 18/ 10 116 15 16/ 10 .4 1.0 13 13 20 -5 12/ 13 7 37 30 10/ • 2 2 8/ 15 18 4/ 2/ 0/ -2/ -3 -4/ -5 3.325.477.620.613.7 7.1 1.9 929 TUTAL √30 Element (X) 2 x 58197 No. Obs. Mean No. of Hours with Temperatur 929 3867483 52.615.458 Rel. Hum : 32 F 1036837 930 30011 32.3 8.580 Cry Bulb 46,6 763427 25877 27.9 6.778 923 71.5 93 Wet Bulb 424425 20.1 7.344

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GLORAL CLIMATGLUGY BRANCH USAFFTAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC DEC 24101 HILL AFB/UGDEN UTAH · t·+ 70,73-77 PAGE 1 1500-1700 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 16 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 + 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 60/ 59 58/ 57 56/ 55 54/ 53 52/ 51 13 50/ 49 24 24 48/ 47 • 8 .6 ٠ ٤ 21 21 28 28 8 44/ 43 .0 1.2 .6 42/ 41 54 40/ 39 .9 2.4 2.7 .0 1.7 2.7 65 65 25 1.1 62 62 40 38/ 37 78 78 36/ 35 58 34/ 33 2.0 4.2 3.6 101 101 73 • 6 2.8 91 91 120 2.0 4.2 80 80 108 30/ 29 55 77 28/ 27 5.0 2.9 120 72 26/ 25 24/ 23 2.6 3.1 56 56 118 44 86 64 1.6 37 37 105 58 22/ 21 38 104 36 40 20/ 19 19 19 98 18/ 31 . 5 109 15 21 16/ 56 18 . 3 12/ 11 13 18 8/ 6/ 3 7 2/ 0/ -5 No. OL. Mean No. of Hours with Temperature Element (X) 267 F 273 F +80 F 293 F 10F ± 32 F Rel. Hum. Dry Bulb Wet Bulb Dew Point

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GLUBAL CLIMATOLUGY BRANCH USAFCTAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 24101 HILL AFB/UGDEN UTAH
STATION STATION NAM 66-70,73-77 1500-1700 HOURS (C. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F)

0 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 71.22 23.24 25.26 27.28 29.30 > 31

3.4 26.5 30.1 20.0 1.2.1 5.4 1.6 9 TOTAL TOTAL D.B. W.B. Dry Buth Wet Buth Dew Poin IATOTAL 929 929 0.26-5 (OL A) 59501 x 64.015.251 32.2 d.396 No. Obs. 929 929 Element (X) Mean No. of Hours with Ter perature 4026787 1028969 29919 47.3 Dry Bulb 25993 28.0 6.643 768221 929 71.2 93

GLUBAL CLIMATOLOGY BRANCH USAFCTAC AIR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

24101 HILL AFB/DGDFN UTAH 66-70,73-77 DEC
STATION STATION NAME YEARS MONTH

PAGE 1 1800-2000

Tem	, [							BULB											TOTAL		TOTAL	
(F)		0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 26	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D B./W.B.	Dry Bulb	Wet Bulb	Dew Poin
54/								• 3		ļ					i i			1	3	3		
52/	51	1					• 4	1		<u> </u>	<u> </u>								4	4		
50/	49					• 3			• 1	•1	[—								5	5		
48/	47	į			• 1	• 3	• 2		.1	1			l			1			11	11		
46/	45			• 1	•2	•2	• 8	.3		Ī	i								15	15		
44/	43	ļ		•2	.5	• 4	• 1	'		•			i I			!			12	12		
42/	41			1.3	•9	• 5	•1	•1		Ī	T								27		14	
40/	39	1	. 3	1.2	1.5										1 1	ļ			37	37	5	
38/	37		.6		1.0	1.4	•1												40	40	31	
36/	35	. 2	1.8		2.6					ĺ	l					1			76	76	50	8
34/	33	• 5	2.4	2.9	2.0	1.3		[			i				1				90	90	65	28
32/	31	.6		5.0	2.2	• 5		<u> </u>		ļ						ļ			100	100	67	49
30/	29	.3	1.2	6.3	1.7	.4		ļ											92	92	89	40
28/	27	. 2	5.1		.9													l 	102	102	116	48
26/	25	. 3	3.5		• 2														68	68	134	65
24/	23	. 8	2.4							<u> </u>	<u> </u>								49	49	99	65
22/	21	. 5	2.5							J									42	42	57	97
20/	19	. 8		1.5	<u> </u>					<u> </u>					1	<u> </u>			63	64	54	108
18/	17	. 2	2.1	•6						ĺ		i – – –							27	27	61	89
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TOTAL		5.3	53.5	1001	14.4	7.6	1.7	1.2	.2	.1	<u> </u>				1			<u> </u>	1	927	0	926
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Elemen			ZXI	6016		Z X	40	₹ 67.8			No. 01								h Tempera	— <sub>Y</sub>		
Ref. H				6016		627 271						20	≤ 0		≤ 32 F	≥ 67	F   *	73 F	> 80 F	≥ 93 f		Total 93
Dry Bu Wet Bu				8739				29.3	6.6	20		27			60.9				<del> </del> -	ᆜ	}	93
Dew Po				6219 2228		240 179	49	25.9 19.4				26			76.4				<del>{</del>	<del> </del>		93
Dew P	oin!		40	26.20	<u> </u>	117	70	1704	7.0	0 <u>0'</u>	- 9	26		• 7	07.3	<u> </u>			1			75

FOLM 0.26-5 (OLA) REVISED MEYOUS EDITIONS OF THE

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GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFFTAC AIR WEATHER SERVICE/MAC 66-70,73-77 HILL AFB/OGDEN UTAH 24101 MONTH YEARS 2100-2300 PAGE 1 TOTAL TOTA WET BULB TEMPERATURE DEPRESSION (F) D.B. W.B. Dry Bulb Wet Bulb Dew Poir 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 1 - 2 3 - 4 5 - 6 7 - 8 (F) 52/ 51 8 Я 50/ 49 48/ 47 73 R 13 13 • 5 . 1 46/ 45 14 14 -1 .4 44/ 43 42/ 41 .6 16 16 31 12 31 •1 407 39 . 8 56 56 20 38/ 37 36/ 35 , 9 • 2 57 46 8 2.5 69 69 60 15 2.3 1.9 2.6 34/ 33 32/ 31 51 81 77 ष्ठा 1.9 2.6 2.8 1.2 97 37 69 97 2.9 3.8 2.8 . 5 30/ 29 107 1757 93 28/ 27 4.2 5.4 1.3 .6 65 90 90 120 26/ 25 5.4 3.7 115 71 68 45 24/ 23 40 74 40 21 3.1 1.0 22/ 83 64 65 36 19 4.0 1.5 20/ 92 44 44 58 17 4.2 18/ 105 37 32 43 15 2.3 167 18 33 67 18 13 73 19 13 18 1.5 12/ TI 9 43 9 10/ 6 36 • 4 87 26 12 6 В 3 -4/ -6/ -7 -8/ -9 926 927 5.440.430.217.3 3.7 2.2 TUTAL 925 926 FORM JUL 64 Mean No. of Hours with Temperature 8.414.172 28.1 8.439 24.9 7.209 No. Obs. 926 ≥ 67 F USAFETAC ± 32 F 63379 4523679 10F Rel Hum. 93 927 65.6 797257 26037 Dry Bulb 93 78.5 23084 623532 93 Wet Bulb 90.5 17116

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GLOBAL CLIMATOLUGY BRANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR JEATHER SERVICE/MAC HILL AFB/DODEN UTAH 66-70,73-77 nEC 24101 STATION STATION NAME MONTH PAGE 1 ALL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 (F) D.B. W.B. Dry Buth Wet Bulb Dew Point 60/ 59 58/ 57 56/ 55 .0 •0 54/ 53 12 • 1 12 52/ 51 •0 26 26 59 50/ 49 .0 59 99 48/ 47 46/ 45 . 3 130 130 18 152 152 221 221 77 40/ .3 • 8 311 311 133 1.3 38/ 37 389 389 218 24 • 6 501 76 501 36/ 35 1.0 2.7 2.1 337 558 558 430 153 33 34/ 1.6 2.3 •7 32/ 31 1.9 3.4 690 690 666 279 . 3 725 725 622 347 30/ 2.2 3.7 400 28/ 27 721 834 721 3.4 546 596 936 520 26/ 3.5 23 433 483 712 539 449 450 643 19 388 390 750 20/ 3.3 327 18/ 2.8 281 281 381 729 216 813 16/ 15 2.0 216 280 13 1.4 151 151 228 558 12/ 109 109 150 11 1.2 • 1 . 8 67 340 10/ 67 105 8/ .0 • 0 41 50 206 31 4/ 13 124 28 85 2/ 8 0/ 32 -2/ -3 -4/ -5 31 -6/ -7 No. Obs. Element (X) Σχ² Meon No. of Hours with Temperature Rel. Hum. 10 F ≤ 32 F Dry Buth

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

4101	HI	LL A	FB/U	GUEN	UTA	H				66-	70,7	3-77			ARS					D/	EC NTH
STATION				S	TATION N	AME								YE	ARS			PAGE	2	A HOURS	.L
Temp						WET	BULB 1	EMPER	ATURE	DEPRE	SSION (	F)		<del></del>				TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 . :	24 25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
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12/-13										!							<del> </del>				
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Element (X)		Exi	<u> </u>	┼─~	ZX	ــــــــــــــــــــــــــــــــــــــ	Ī		<del></del>	No. OI	1		L	ــــــــــــــــــــــــــــــــــــــ	Hear '	L	0000 8:10	h Tempera		Ь	<u> </u>
Rel Hum.			72750		4961	68	66.8	14 . R	25	74	30	= 0		± 32 F	≥ 67		73 F	30 F	2 93	- 1	Total
			11849	<del> </del>	2144	<del>25</del>	28.9			74	5			497.4	20/		- /3 F	<del> </del> "!	y3		74
Cry Bulb Wet Bulb			37770				25.4				29			622.3				<del> </del>			74

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AC FORM 0.26-5 (OL. A) REVISEO MENIOUS EDITIONS OF THIS FORM AI

USAFETAC 10th

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

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必作数分子。

#### **PSYCHROMETRIC SUMMARY**

3445 3445 4470 4025

≥80 F | -93 F

1. 戏號 沙倉

Mean No. of Hours with Temperature

≥ 67 F ≥ 73 F

: 32 F

± 0 F

THE RESERVE OF THE PROPERTY OF

HILL AFB/UGDEN UTAH PAGE 1 ALL HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 9 - 10 | 11 | 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | D.B./W.B. fry Bulb Wet Bulb Dew Poin × 31 104/103 • 0 102/101 •0 100/ • 0 98/ 97 • 0 154 154 46/ 95 • 2 346 346 94/ 93 .0 • 3 540 92/ 91 .0 •0 •0 540 766 766 90/ 89 929 930 88/ 87 .0 • 0 • 3 1031 1032 86/ 85 • 2 83 .0 .1 1218 1219 84/ . 3 .0 1361 1362 82/ 81 • 0 .0 1642 1642 80/ 79 .0 • 3 1644 1644 78/ 77 • 0 • 2 .0 1945 1945 2025 2025 75 .0 76/ •0 . 2 • 1 74/ 73 . 0 • 0 .0 2298 2298 72/ 71 •0 . 3 • 1 2553 2555 70/ 69 2524 2528 68/ 67 • 0 .0 .6 . 2 92 . 6 2526 2530 359 65/ 65 989 2406 2406 64/ 63 2286 2288 1801 90 62/ 61 •0 .0 2448 2451 2779 169 59 607 • 3 • 6 •6 •0 •0 •6 • 1 • 0 3226 2499 2500 318 58/ 2542 2542 3955 56/ 55 •5 558 .0 2544 2544 4094 768 2562 2562 4229 1165 54/ 53 52/ 51 .0 2762 2762 4025 1630 2797 2797 4119 2079 49 50/ 48/ 47 2979 2979 4070 2615 46/ 45 .0 2910 2910 4004 2904 44/ 43 1.0 • 0 . 8 • 0 .0 3125 3125 4061 3463 42/ 41 3410 3410 4265 3838 . 4

66-70,73-78

40/ 39

38/ Element (X)

Rel Hum

Dry Bulb Wet Butb

GLOBAL CLIMATOLOGY BRANCH USAFFTAL AIR WEATHER SERVICE/MAC

74 5340 But 3 4

### PSYCHROMETRIC SUMMARY

24101 HILL AFB/OGDEN UTAH
STATION STATION NAME 66-70,73-78 PAGE 2 HOURS (L. S. T.) TOTAL TOTAL
D.B. W.B. Dry Bulb Wet Bulb Dew Poin WET BULB TEMPERATURE DEPRESSION (F) Temp (F) 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 + 31 36/ 35 • 0 .7 1.3 1.3 • 1 32/ 31 1.1 1.4 1.0

3502 3502 4688 4879 3392 3392 4868 4912 3492 3492 4657 5955 2994 2995 4444 5790 30/ 29 1.5 2504 2504 4008 5810 2174 2174 3560 5946 28/ 27 26/ 25 1.0 1.2 .0 1602 1602 2641 5024 1353 1354 2076 4887 24/ 23 • 5 1210 1212 1672 4581 20/ 19 •0 927 | 927 | 1234 | 3779 18/ 703 703 953 3311 16/ 15 . 2 .0 772 2329 499 400 12/ 11 358 358 529 1827 • 0 10/ 240 240 387 1434 • 0 150 150 193 1077 8/ 87 87 6/ 137 809 • 0 568 4/ 65 102 350 32 232 0/ -1 .0 32 58 -2/ -3 132 -4/ -6/ -7 78 -8/ -9 65 -10/-11 -12/-13 -14/-15 1.8 2.2 4.8 2.0 9.4 8.2 7.4 6.5 5.8 4.9 4.1 3.4 2.7 2.0 1.6 1.2 1.9 87629 87605 TOTAL 87605 No. Obs. Mean No. of Hours with Temperature Element (X) 4340066 4395070 49.520.445 3.91843.32103.71365.5 725.1 54.0 251632084 a7605 Rel. Hum. 8760 Dry Bulb 254233236 50.219.639 39.712.920 152679631 3477691 7.32746.7 11.4 8750 s7605

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GLOUAL CLIMATULUTY BRANCH USAFETAC AIR MEATHER SERVICETMAC

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## **MEANS AND STANDARD DEVIATIONS**

DRY-BULB TIMPERATURES DEG F FROM HOURLY URSERVATIONS

	·—··	
24101	HILL AFB/OGDEN UTAH	66-70,73-78
STATION	STATION NAME	YEARS

										TEARS				
IRS (LST)		JAN	FEB	MAR	APR	MAY	NUL	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	25.8	30.2	35,6	41.9	51.5	61.1	70.7	68.7	59.5	47.0	37.1	27.5	46
00-02	SD	10.111	7,789	8,933	8.138				6.497	8.160	8.596	8.775	8.679	17.30
	TOTAL OBS	930	846	930	900	930		930	930		930		930	109
•	MFAN	25.1	29.1	34.0	40.2	49.1	58.0	67.3	65.2	56.6	45.1	5,8	26.8	44
03-05	\$ D	10.334	3.063											16.4
i	TOTAL OBS	930	845	930	900		,	930	,		930			109
	!													
•	WEAN	24.5	28.2	33.5	40.5	50.9	60.2	68.5	65.4	55.9	44.0	34.8	26.2	44
06-08-	's D	10.528				8.405		- 1					8.913	17.0
	TOTAL OBS	930	846	930	900	930		9 40	-			1		109
1										<u>, 00</u>	L			<b></b>
1	MEAN	26.3	31.3	38.4	46.5	58.8	58.9	78.5	75.7	65.3	51.3	39.5	28.4	50
09-11	S D	10.183		9.789			10.101	6.048						19.90
	TOTAL OBS	930	846					930		900			930	109
•				<u></u> _										± 9.7.
•	MEAN	37.1	36.3	43.1	50.6	63.5	14.1	85.0	82.6	72.5	57.6	44.6	32.3	56
12-14	• S D	9.085		10.586								10.227		21.0
	TOTAL OBS		846					930		200			930	109
				7,70	700	7.717	700	7.30	7.50	700	72,		7301	<u>* U ?</u>
	MEAN	30.7	37.5	44.3	51.8	64.7	75.6	86.9	84.2	73.7	57.9	44.6	32.2	57
15-17	S D	8.908		10.624					8.145			10.024		21.4
	TOTAL OBS	930	846					930	929		930		929	109
†	·	730		72,	- 200	767	700	730	74.7		731)	7017	767	109
- <del>i</del>	MEAN	20.1	34.2	40.9	48.4	60.7	-7.3	92.2	78.8	67.5	C 3 7	( 0 1	20 2	
18-20	!	9.524					71•8 11•942						29.3	52
10-70	TOTAL OBS		846	930					927		9.144			20.4
		750	. 740	730	700	920	703	7.50	921	900	790	900	927	109
	MEAN	27.0	32.0	37.8	44.5	5 E O	, E a	74.9	79 .					
21~23		9.781		9.167				5 904		67.3			28.1	48
C1~73	TOTAL OBS	930	846	1			9.469							18.3
		7.20	<u>040</u>	7.20	900	930	900	930	927	900	930	900	927	109
	MEAN	379 6	22 7	20 5	/ E 12	E 4 0	- 4 5							-
Alt	S D	27.2	32.3											50
HOURS	TOTAL OBS	10.055		10.324										19.63
	.OIAL OBS	7440	6767	7439	7200	7439	<u>7200</u>	7440	7433	7200	7439	7209	7432	<u>8767</u>

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SLUBAL CLIMATULUMY BRANCH USAFITAL AIR MEATHER SERVICE/MAC

## **MEANS AND STANDARD DEVIATIONS**

WET-BULD TEMPERATURES DEG F FROM POURLY UBSERVATIONS

24101	HIL	L AFE/	UGUFN	HATU			c6=7	0,73-7	8					
STATION			\$17	TION NAME						YEARS			-	
HRS (LST)	MEAN	JAN	FEB	MAR	APR	MAY	NUL	JUL	AUG	SEP	OCT	NOV.	DEC	ANNUAL
00-02	c n	22.9 9.023 - 930	6.617	6.981	5.557	5.610	48.9 4.897 897	4.114	4.683	5.318	5,963	31.3 6.649 _ 900	7.400	37.9 12.364 1095
03-05	MEAN S.D. TOTAL OBS	22.3 9.264 540	6.946	7.175	5.504		4.927	4.261	4.934	5.508		6.706	23.7 7.467 930	36.8 12.189 10952
06-08	MEAN 5 D TOTAL OBS	21.8 9.477 -930	7.287	7.236		42.3 5.721 930	5.129	4.157	4.982	5.660	6.123	6.721	7.701	
09-11	MEAN S D TOTAL OBS	27.3 9.046 		32.2 7.147 930	5.913	6.056	5.491	3.654	4.538	49.8 5.416 900	6.008	6.934	7.586	40.4 13.675
12-14	MEAN C D 2 CBO JATO1		30.8 5.154 846	6.977		5.940	5.324	3.621	58.0 4.234 930	52.3 4.900 900	5.957	6,875	6.778	42.7 12.879 10953
15-17	MEAN S D TOTAL OBS	25.8 7.637 930	31.7 6.029 —845	35.3 6.791 929	5.879	5.631	5.028	54.9 3.646 929	57.4 4.230 929	4.365	43.7 6.065 930	0.764	6.643	42.7 12.488
18-20	MEAN S D TOTAL OBS	24.9 8.443	29.6 6.296 	33.6 6.820 930			5.109	58.9 3.575 930	4.247	50.2 4.924 —900	41.1 5.909 930		6.891	41•1 12•869 10947
21-23	MEAN S D TOTAL OBS	24.0 8.720 930	28.0 6.546 846	31.7 6.818 930		5.470	4.804	3.867	53.9 4.469 927			37.1 6.543 900	24.9 1.209 926	39•1 12•475 10946
ALL HOURS	MEAN S D TOTAL OBS	24.0 8.977 7440	28.1 4.993 6766	32.1 7.332 7439	36.8 6.111 7200	4.266	5.064	57.3 4.595 74.49	54.7 5.187 7433	48.6 5.868 7200	39.8 5.580 7439		7.403	39.7 12.920 87605

USAF ETAC FORM 0.99-5 (OL A)

GLOBAL CLIMATDLUMY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

### **MEANS AND STANDARD DEVIATIONS**

DEM-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

24101 HILL AFL/BODEN UTAH 66-70,73-78

. 4101	****	TE W. D.	0	V 1 n			CV I	0210-1						
STATION			STA	TION NAME					****	YEARS				
IRS (LST)		JAN	FEB	MAR	APR.	MAY	אטנ	JUL	AUG	SEP.	ОСТ	NOV ;	DEC	ANNUA
	MEAN	16.5	19.9	22.3	25.7	32.5	38.3	43.5	39.9	34.3	26.5	22.5	17.8	28
00-02	5 D	10.154	7.672	8.028	7.047	7.238	6.644	7.498	8.421	8.030	7.497	7.637	8,187	11.7
	101AL 085	230	. P46			230	<u>897</u>	930	930	900	930	200	930	109
•	MEAN	15.9	19.3	21.8	25.1	32.0	37.7	42.9	39.6	33.8	25.3	22.0	17.2	27
03-05	S D	10.419	7.935					7.366	8.484	8.019			8.282	11.8
	TOTAL OBS	230								900				
-	MEAN	15.4	18.6	21.4	25.4	33.0	39.2	44.4	40.3	34.1	25.7	21.4	16.7	28
06-08	S D												P.526	
05-00	TOTAL OBS													109
		2.23	7.7.0	720	209	7.30	0.70		7.30		230	- 700	Z5 /	
	MEAN	16.5	20.1	23.0	26.7	35.1	41.6	47.5	43.6	36.7	28.2	23.3	18.0	3(
09-11	S D	10.184	7.824	8.008	6.994	7.073	6,790	6.256	7.278	7.610	7.249	8.048	8.325	12.7
,	TOTAL OBS	930												
	MEAN	10.0	22.2	23.7	26.5	34.3	40.0	46.2	42.5	36.6	29.2	24.9	20.1	3(
12-14	S D		6.871	- •		7.145			7.540				7.344	
16-14	TOTAL OBS	930	846	930			899	930					929	10
	MEAN	19.5	22.8	23.3	26.0	33.0	38.6	44.1	40.3	35.4	29.1			21
15-17	SD	8.397		7.847	7.159	7.274		7.523			7.456	7,593	7.199	10.9
	TOTAL OSS	930	345	929	900	929	89 R	929	929	200	930	900	929	10
	MEAN	19.1	22.2	23.2	26.4	33.5	ب <b>، و</b> ور	44.6	41.0	35.8	29.4	24.4	19.4	2
18-20	S D	9.607				7.205		7.455					7.666	11,
_	TOTAL OBS						898							10
	MEAN	17.5	21.0	22.6	26.1	33.0	38.9	44.1	40.0	34.6	27.5	23.1	18.5	
21-23	'	9.948				7.124				- 1		:	7.981	11.
21-23	TOTAL OBS			930			897	930			930		- 11	10
			i											
All	MEAN	17.3												21
HOURS	5 D												8.054	11.6
	TOTAL OBS	7440	6766	7439	7200	7439	7181	7439	7433	7200	7439	7200	7429	876

GLUBAL CLIMATOLUGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

## RELATIVE HUMIDITY

24101 HILL AFB/UGDEN UTAH

67-70,73-78

JAN

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONIN	(L S.T)	10%	20%	30%	40%	50%	60%	70%	80 %	90%	RELATIVE	NO OF OBS
JAN	00-02	100.0	100.C	100.0	98.9	91.4	71.2	42.6	20.8	4.9	63.6	) دو
	03-05	100.0	100.0	100.0	98.3	91.4	73.1	43.4	19.8	5.2	68.9	930
	80-دو	100.0	100.0	100.0	98.9	92.0	74.1	44.0	17.7	4.7	69.2	930
<del>-</del>	09-11	100.0	100.0	100.0	99.4	89.4	68.9	39.0	16.6	5.4	67.3	930
	12-14	100.0	100.0	100.0	97.2	83.3	55.9	30.3	14,4	3.2	64.3	930
<del></del>	15-17	100.0	100.0	100.0	27.7	84.2	55.8	31.1	13.7	4.6	64.4	930
	18-20	100.0	100.0	100.0	98.2	87.2	64.2	41.2	21.1	6.2	67.3	930
	21-23	100.0	100.0	100.0	98.7	89.1	70.2	43.8	21.5	5.6	68.3	930
		<b></b>			<del> </del>							
- Carocal term												
10	TALS	100.0	100.0	100.0	98.4	88.5	66.7	39.4	18.5	5.0	67.3	7440

GLOBAL CLIMATULOGY BRANCH USAFETAL AIR MEATHER SERVICE/MAC

**RELATIVE HUMIDITY** 

HILL AFB/UGUFN UTAH 24101 STATION

67-79,73-78

FEB

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

нтиом	HOURS			PERCENTAC	E FREQUENC	Y OF RELATIVE	HUMIDIT / G	REATER THAN			MEAN	TOTAL NO OF
MONTH	(LST)	10%	20%	30%	40%	50%	60.	70%	80%	90%	HUMIDITY	OBS.
FEB	00-02	100.0	100.0	99.5	97.0	87.9	67.4	37.9	17.4	7.1	67,0	846
	03-05	100.0	100.0	99.6	98.0	90.7	69.1	40.5	16.4	7.3	67.8	845
	06-08	100.0	100.0	99.6	98.6	90.7	70.8	43.4	18.4	<b>ύ•</b> 5	68.4	846
	09-11	100.0	100.0	99.8	94.9	83.6	59.9	33.3	15.0	4.8	64.8	846
	12-14	100.0	99.9	97.0	87.5	56.0	42.0	22.2	12.2	4.1	58.8	846
	15-17	100.0	99.6	95.5	85.0	63.2	38.9	23.3	11.8	4.9	57.7	845
	18-20	100.0	99.8	99.3	94.0	79.2	54.0	31.7	16.0	4.7	63.3	846
	21-23	100.0	100.0	99.6	96.2	84,4	59.6	32.0	17.3	5.8	65.2	846
The same Photos in the												
TO	TALS	100.0	99.9	98.7	93.9	80.7	57.7	33.0	15.6	5.7	64.1	676

USAFETAC 0-87-5 (CL A) GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR MEATHER SERVICE/MAC

## RELATIVE HUMIDITY

24101 HILL AFB/UGDEN UTAH

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<u>73-78,73-78</u>

MAR

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY GR	EATER THAN			MEA'I RELATIVE	TOTAL NO OF
HINOM	(L S T)	10%	20%	30%	40%	50%	60%	70 /-	80%	90%	HUMIDITY	CAS.
4AR	00-02	100.0	100.0	97.6	87.5	70.3	46,6	28.2	19.1	5.3	60.5	930
	03-05	100.0	100.0	98.2	93.4	76.6	51.1	30.4	15.9	6.1	62.7	930
	06-08	100.0	100.0	98.2	94.5	78.5	51.6	30.1	14.8	5.2	63.1	930
	09-11	100.0	99.9	94.4	80.5	60.2	38.0	22.0	12.6	4.8	55.7	230
	12-14	100.0	97.8	83.7	63.C	41.4	25.5	17.3	9.1	3.5	49.8	930
	15-17	100.0	95.8	78.8	59.1	37.5	22.2	13.7	7.9	2.0	47.2	92'
	10-20	100.0	99.1	87.7	72.6	49.4	29.9	18.3	9.0	3.4	52.4	930
	21-23	100.0	99.6	95.1	81.0	60.8	37.4	23.3	13.0	5.3	57.0	93
								ļ		ļ	<u> </u>	<u> </u>
	<u> </u>			ļ			<u> </u>		<u> </u>	ļ		
					<u> </u>	ļ	<u> </u>	ļ	<del> </del>			<u> </u>
Settle-Market	Lacros man						-				 	-
10	DTALS	100.0	99.0	91.7	79.0	59.4	37.8	22.9	12.1	4.5	56.2	743

USAFETAC JUL 44 0-87-5 (OL A)

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GLOBAL CLIMATULUCY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

#### **RELATIVE HUMIDITY**

HILL AFB/UGUEN UTAH 24101

67-70,73-78

APK MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS) PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN HOURS (LST) 10% 20% 57.4 78.6 36.0 100.0 23.3 00-02 99.1 91.9

TOTAL NO OF RELATIVE 90% HUMIDITY 80% 55.5 000 10.4 2.2 57.5 43.7 10.7 2.8 900 03-05 100.0 100.0 93.2 81.6 64.1 57.6 900 100.0 99.9 94.3 81.7 63.7 42.4 22.4 10.2 4.0 06-08 49.7 97.7 84.0 26.7 6.9 900 09-11 100.0 64.7 42.0 15.4 3.1 28.1 43.4 900 12-14 100.0 90.7 70.8 46.7 18.6 11.7 6.7 1.8 28.1 40.7 41.3 900 99.9 87.2 63.7 17.3 11.1 5.4 1.4 15-17 1.9 900 94.6 75.2 53.7 24.4 15.4 7.4 46.5 18-20 100.0 36.0 52.0 900 21-23 100.0 97.7 85.8 69.3 49.0 31.3 20.4 100.0 95.9 30.1 18.0 50.4 7200

USAFETAC 0-87-5 (OL A) GLOBAL CLIMATULUSY BRANCH USAFFTAC AIR VEATHER SERVICE/MAC

## **SELATIVE HUMIDITY**

Samuel Same

24101 HILL AFB/UGUEN UTAH

67-70,73-78

HAY

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO OF
MONTH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
·AY	00-02	100.0	99.0	88.9	66.5	46.3	28.8	17.4	8_1	2,3	51,4	930
	03-05	100.0	99.0	93.8	76.5	51.9	35,6	20.8	9.1	3.5	54.6	930
	06-08	100.0	99.8	94.4	73.0	48.4	29.6	16.5	8.0	2.2	52.9	930
	09-11	100.0	97.4	76.6	49.1	29.2	10.1	10.2	4.5	1.1	44.1	930
	12-14	100.0	87.0	56.2	31.5	18.0	10.9	6+1	2.9	1.2	37.0	930
	15-17	100.0	80.4	46.0	26.0	17.2	9.8	5.9	2.7	.6	34.4	929
	18-20	100.0	89.9	61.3	36.9	24.5	14.3	8.8	3.7	1.1	39.7	930
	21-23	100.0	98.0	79.9	53.7	35.4	22.7	12.8	6.2	1.6	46.8	930
		-										
			<del> </del>	<u> </u>		<del> </del>	<del> </del>				ļ	
		-	<del> </del>				-					
TO	TALS	100.0	93.8	74.6	51.7	33.9	21.0	12.3	5.7	1.7	45.1	7434

AND PROPERTY SILVE

USAFETAC 0-87-5 (OL A)

GLOBAL CLIMATOLUGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

## **RELATIVE HUMIDITY**

24101 STATION

HILL AFB/UGDEN UTAH

67-70,73-78

JUN

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO OF
MONTH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
JUN	00-02	100.0	98.3	83,4	52.4	33.4	20.7	10,6	2.2	.4	45.9	897
	03-05	100.0	98.4	91.0	65.1	41.0	26.2	14.0	3.0	.7	49.5	897
	06-08	100.0	99.6	91.2	64.1	36.8	21.1	9.0	2.6	•7	48.2	896
	09-11	100.0	95.4	68.4	37.7	20.9	11.6	5.6	2.2	1.0	39.9	g99
	12-14	100.0	78.9	41.8	22.1	12.0	6.6	3.4	1.2	.6	32.1	899
	15-17	99.3	67.8	33.5	18.8	10.5	5.7	2.9	1.3		29.6	898
	18-20	99.9	82.4	45.3	25.7	16.4	10.1	5.0	1.2	•2	34.2	898
	21-23	100.0	95.3	66.9	39.6	25.5	15.6	7.9	2.0		41.0	897
T (	DTALS	99.9	89.5	65,2	40.7	24.6	14,7	7.4	2.0	•5	40.1	7181

USAFETAC 0-87-5 (OL A) GLOBAL CLIMATOLUGY BRANCH USAFFTAC AIR MEATHER SERVICEMMAC

## **RELATIVE HUMIDITY**

24101 HILL AFB/URDEN UTAH

67-70,73-78

JUL

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL
MONTH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO OF OBS
JUL	00-02	100.0	97.1	72.8	8 5 8 اد	18.3	9.5	3,2	1.0	.3	39,6	930
	03-05	100.0	97.8	83.9	50.8	25.3	11.6	4.5	1.3	•1	43.2	930
	06-08	100.0	98.9	88.5	53.8	25.2	10.3	3.2	.9		43.5	930
	09-11	100.0	95.8	60.5	25.3	8,9	2.9	1.1	.6	•1	35.2	930
	12-14	99.7	72.7	29.6	10.6	3.7	1.8	1.1	1.0	.4	27.6	930
	15-17	99.0	55.2	19.4	8.0	2.0	1.3	•9	.4	•2	24.3	929
	18-20	100.0	71.0	32.7	16.2	8.3	3.4	1.7	.6	.2	29.0	930
	21-23	100.0	91.5	55.8	27.8	14.4	6,8	2.7	1.0	.4	35.6	93
		<del> </del>		ļ		ļ	<del> </del>					
	<del> </del>				<u> </u>	<u> </u>						
	ļ			<del> </del>				<u> </u>		ļ	<del> </del>	
to	TALS	99.8	85.0	55.4	28.9	13.4	6.0	2.3	.9	•2	34.8	743

A A CARLOTTINE

GLUUAL CLIMATOLUSY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

· Colons action . Sough portion.

## RELATIVE HUMIDITY

CONTRACT

	HILL AFB/UGDFN UTAH	47-70,73-78	AUG
STATION	STATION NAME	PERIOD	HINOM

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENC	Y OF RELATIVE	E HUMIDITY GR	EATER THAN			MEAN	TOTAL NO OF
MONTH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS
AUG	00-02	100.0	94.8	57.1	31.6	18,1	9.2	5.9	2,6	.4	37.6	930
	03-05	100.0	98.4	70.8	39.7	22.6	12.7	7.4	3.4		41.4	930
	06-08	100.0	99.1	78.2	42.6	22.7	11.5	6.3	2.0	•2	41.9	930
	09-11	100.0	90.6	49.6	23.4	11.0	4.0	1.4	.4		33.7	930
	12-14	100.0	61.8	25.7	10.0	4.1	2.2	1.1	•5	•3	26.2	930
	15-17	98.6	45.3	17.9	7,4	4.7	2.7	1.9	.8	٠.3	23.4	929
	18-20	99.6	67.5	31.6	16.7	8.7	4.4	2.0	1.0	•2	28.7	927
	21-23	100.0	85.0	44.8	26.0	14.5	8.6	4.5	2.0	•2	34.1	927
				-								
10	DTALS	99.8	80.4	47.0	24.7	13.3	6.9	3.8	1.6	•2	33.4	7433

STREET STEET

GLOBAL CLIMATOLUGY BRANCH USAFLTAC AIR HATHER SERVICE/MAC

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## RELATIVE HUMIDITY

314104 314104 144	24101 STATION	HILL AFB/LIGUEN	UTAH STATION NAM
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66-70,73-77

SEP

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY GR	EATER THAN	-		MEAN RELATIVE	TOTAL
нтиом	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	NO OF OBS
SEP	00-02	190.0	96.4	71.7	41.2	23.0	14.1	7.8	3.8	.8	41.6	900
	03-05	100.0	98.3	80.7	51.4	30.4	,17.3	8.0	.3 . 1	. 8	44.8	900
	06-08	100.0	99.2	87.1	56.2	30.8	17.9	8.9	3.7	1.1	46.1	900
	09-11	100.0	93.8	60.8	29.2	15.4	8.1	4.9	2.3	1.1	37.1	900
	12-14	100.0	72.8	33.6	14.3	7.8	4.3	3.0	1.3	•2	29.4	ġ00
	15-17	99,7	62.9	26.7	12.9	7.7	4.0	2.2	.;_	.2	27.3	900
	18-20	100.0	83.9	48.0	24.8	13.0	7.7	3.9	2.0	.3	33.9	900
	21-23	100.0	91.2	62.8	34.0	19.8	11.2	6.9	2.2	.4	38.5	900
									<u></u>		-	
TO	TALS	100.0	87.3	58.9	33.0	18.6	10.6	5.7	2.4	.0	37.3	7200

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GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

MAN.

#### **RELATIVE HUMIDITY**

24101 HILL AFB/UGUEN UTAH
STATION STATION NAME

66-70,73-77

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	i		PERCENTAC	E FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN	-		MEAN	TOTAL NO OF OBS
MONTH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	
3C T	00-02	100.0	99.2	85.9	58.6	36.7	21.7	9.7	3.5	.4	47.2	930
	03-05	100.0	99.5	88.9	65.7	41.9	24.8	11.0	4.0	• 4	49.3	930
	06-08	100.0	99.9	90.6	71.3	44.8	26.8	11.9	4.2	• 2	50.7	930
	09-11	100.0	97.8	78.7	47.7	27.6	16.0	8.1	3.0	•1	43.5	930
	12-14	100.0	92.5	54.9	30.0	17.0	10.2	6.6	2.5	.6	37.0	929
	15-17	100.0	89.4	55.3	26.6	16.5	11.5	6.1	3.0	.3	36.5	930
	18-20	100.0	97,3	82.3	54.4	29.1	16.0	8.5	3,3	.3	44,9	93(
	21-23	100.0	98.6	85.8	59.6	35,9	20.8	9.5	4.0	•5	47.0	930
		<u> </u>				<del> </del>						
10	PTALS	100.0	96.8	77.8	51.7	31.2	18.5	8.9	3.4	.4	44.5	743

GLOBAL CLIMATOLUAY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

## **RELATIVE HUMIDITY**

24101 HILL AFB/UGUEN UTAH
STATION STATION NAME

66-70,73-77

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VUM

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY GE	EATER THAN			MEAN RELATIVE	TOTAL NO OF
HTHOM	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS
ΠUV	00-02	100.0	100.0	96.7	84,7	61.7	40.1	22.8	11.4	3,2	57.8	900
	03-05	100.0	100.0	97.7	85.6	67.2	45.0	22.1	10.8	4.1	59.1	900
	00-08	100.0	100.0	98.2	88.7	70.8	46.4	25.2	12.3	3.4	60.2	900
	09-11	100.6	100.0	94.6	76,9	54.1	35.0	21.1	9.3	3.4	55.0	900
	1214	100.0	99.4	87.0	62.2	37.1	24.4	14.1	7.6	1.7	48.9	900
	15-17	100.0	98.9	87.8	64.0	38.8	24.3	14.2	7.6	2.0	49.3	900
	18-20	100.0	100.0	95.2	8C.7	59.0	33.6	18.7	9.2	2.8	55.7	900
	21-23	100.0	100.0	96.8	83.7	62.4	36.9	20.7	10.6	2.3	56.9	900
							ļ					
					ļ				<u></u>			
TO	OTALS	100.0	99.8	94.3	78.4	56.5	35.7	19.9	9.9	2.9	55.4	7200

GLOBAL CLIMATBLUCY BRANCH USAFETAC AIR WEATHER SEPVICE/MAG

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### **RELATIVE HUMIDITY**

24101	HILL	AF8/UGDFN	UTAR
STATION			STATION NAME

66-70,73-77

DEC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS	i		PERCENTAC	E FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL
MONIH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	NO OF OBS
DEC	00-02	100.0	100.0	99.8	97.4	86.9	69.5	45.3	20.2	7.6	68.1	930
	05-د0	100.0	100.0	100.0	97.3	88.0	68.8	46.1	20.2	5.9	68.3	930
	06-08	100.0	100.0	100.0	97.2	86.7	69.9	46.4	21.3	7.5	68.5	929
-1.11	09-11	100.0	100.0	100.0	95.3	83.2	67.6	38.8	18.9	6.5	66.5	930
	12-14	100.0	100.0	99.4	92.5	77.0	53.4	30.9	14.6	4.8	62.6	929
	15-17	100.0	100.0	99.1	93.6	80.3	57.8	34.7	16.8	5.0	64.0	929
	18-20	100.0	100.0	99.7	97.1	87.1	68.4	42.2	21.1	6.4	67.8	926
	21-23	100.0	100.0	99.8	97.8	89.4	68.7	44.5	21.3	6.3	68.4	926
<del></del>												
TC	TALS	100.0	100.0	99.7	96.0	84.8	65.5	41.1	19.3	6.3	66.8	7429

GLOBAL CLIMATULUGY BRANCH USAFITAC AIR REATHER SERVICE/MAC

2

## **RELATIVE HUMIDITY**

24101 HILL AFB/DGDFN UTAH

66-70,73-78

ALL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO OF
MONTH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	YTICIMUH	OIS
JAN	ALL	100 0	100.0	100.0	98.4	88 5	66.7	39.4	18.5	5.0	67_3	7440
r£8		100.0	99.9	98.7	93.9	80.7	57.7	33.0	15.6	5.7	64.1	6766
√AR_		100.0	99.0	91.7	79.0	59.4	37.8	22.9	12.1	4.5	56.2	7439
AFR		100.0	95,9	82,4	64.6	46,2	30.1	18.0	8.3	2.4	50.4	7200
rtΔY		100.0	93.8	74.6	51.7	33.9	21.0	12.3	5.7	1.7	45.1	7439
JUN		99,9	89.5	65,2	40.7	24.6	14.7	7.4	2.0	.5	40.1	718
JUL		99.8	85.0	55.4	28.9	13,4	6.0	2.3	.9	.2	34.8	7439
ΛUG		99.8	80.4	47.0	'24.7	13.3	6.9	3.8	1.6	.2	33.4	743
SEP		100.0	87.3	58,9	33.0	18.6	10.6	5.7	2.4	.6	37.3	7200
nct		100.0	96.8	77.8	51.7	31.2	18,5	8.9	3,4	.4	44.5	7439
MOV		100.0	99.8	94.3	76.4	56,5	35.7	19.9	9.9	2.9	55.4	7200
DEC		100.0	100.0	99.7	96.0	84.8	65.5	41.1	19.3	0.3	66.8	742
TO:	TALS	100.0	94.0	78.8	01.8	45.9	30.9	17.9	я,3	2.5	49.6	8760

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

#### PART F

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#### PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

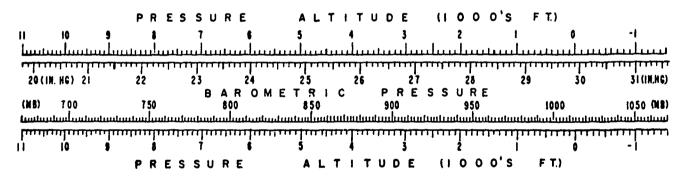
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

- 1. Station pressure is presented in the table in inches of mercury.
- 2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressurealtitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLUCY BRANCH USAFFTAC AIR JEATHER SERVICE/MAC

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## **MEANS AND STANDARD DEVIATIONS**

STATION POISSURE IN INCHES HE FROM HOURLY OBSERVATIONS

24101 HILL AFB/USUEN UTAIL 06-70,73-78
STATION STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP.	OCT	NOV	DEC	ANNUAL
	MEAN	25.724	25,226	25.120	25.106	25.137	25.155	25.214	25.211	25.221			25.230	25.195
02	S D	•701	.192	.180	.157	.144	.115	.086	.085	.115	.154	.185	•193	.163
	TOTAL OBS	. 310		310	300	310	300	310	310	300	309	300	310	3651
								1						
	MEAN	25.220	25.221	25.113	25.105	25 • 141	25.164	25.227	25.219	25.227	25.247	25.248	25.228	25.197
05	S D	.204	.193	.183	•162	.145	.115	.083	.083	.113	.157			.164
	TOTAL OBS	. 310	202	310	300	310	300	310	310	300	310	300	310	3652
	, ,		• •			, 					<u> </u>	·	, , ,	
	MEAN	25.228	25.234	25.133	25.129	25.166	25.190	25.256			25.26P		25.237	25.217
98	S D	.206	.194	.186	.167	•150	.117	.083	.082	.113	.158	.184	.197	
	TOTAL OBS	. 310	595	310	300	310	300	310	310	300	310	300	310	3652
								<u> </u>			 	! !- =	, 	
	MEAN												25.260	
11	S D	•208			•168		.113							
	TOTAL OBS	_ 310	282	310	300	310	300	310	310	300	310	300	310	3652
	·							<u> </u>	<u> </u>					
													25.221	
14	S D	•205			•164									• • •
·	TOTAL OBS	310	282	310	300	310	300	310	310	300	309	300	310	3651
				ar 147	35	5 454	25 27		05 005	0.5	05 034	01 0/0	05 000	25 - 07
													25.222	
17	5 D TOTAL OBS	•200												•
	LIDIAL OBS	310	282	310	300	310	300	310	309	300	310	300	309	3650
	MEAN .	05 555	25 217	26 112	25 902	.6 .25	25 140	25 106	25 101	25 207	26 241	25 247	25.230	25.186
20	S D				156									
20	TOTAL OBS	•199 310						,						
		214		310	200	2117	300	210	309		311	<del>/0</del>	202	3030
(	MEAN	25 221	15 224	25.120	25.115	25 142	25 156	15.215	25 205	25 210	25 240	25 254	25.236	25,197
23	S D.	.198			.155		.114			.118				.162
63	TOTAL OBS													
						<u> </u>			1 - Ju	1		1 /01		
	MEAN	25.227	25.227	25.123	25.115	25.145	25 166	25.226	25.220	25.229	25.257	25.254	25.233	25.201
All	S D	203				•148				118		102	194	
HOURS	TOTAL OBS	2480												
	·			2:100	4700							2.00	<u> </u>	

GLOBAL CLIMATOLOGY BRANCH USAFFTAL AIR MEATHER SERVICE/MAC

24101

HILL AFB/UGDEN UTAH

STATION NAME

### MEANS AND STANDARD DEVIATIONS

1015.6

SEA LEVEL PRESSURE IN MBS FROM HOURLY UBSERVATIONS

66-70,73-78

HRS (LST)		JAN	FEB	MAR	APR	MAY	NUL	JUL	AUG	SEP.	OCT :	NOV	DEC	ANNUAL
	MEAN	1020.7	1019.6	1014.0	1012.2	1011.6	1010.8	1011.6	1011.8	1013.5	1016.8	1019.01	020.4	1015.1
02	5 D	9-062	8.349	7.757	6.814	5-102	4.059	3.631	3.812	5.158	6.813	8.011	8.330	7.714
VZ	TOTAL OBS	310	2.9.2	310	300	310	300	310	310	300	310	300.	310.	3652
									<u> </u>					_
	MEAN	1020.7	1019-5	1013.9	1012.3	1612.0	1011.3	1012.4	1012.4	1014.0	1017.1	1019.3	1020.6	1015.4
05	S D	9.175	R 434	7.824	7.007	6.134	4.974	3.492	3.726	5.094	6.903	8.042	8.401	7.690
0.5	TOTAL OBS	ລາດ	231	_310	300	310	300	310	310	300	310	300.	310.	3651
										ļ 			<b>.</b>	
	MEAN	1021.4	1020.5	1015.1	1013.5	1013.1	1012.4	1013.7	1013.9	1015.5	1018.5	1020.31	1021.2	1016.6
80	S D	9.408	8.666	7.990	7.081	6.200	4.366	3.450	3.582	5.043	7.058	8.027	8.629	7.700
•	TOTAL OBS	310	282	310	300	-310	300	310	310	300	310	. 300.	310.	3652
							ļ	<u> </u>	ļ					-
	MEAN	1022.1	1021.0	1015.5	1013.6	1013.1	1012.4	1013.7	1013.9	1015.5	1018.5	1020.6	1021.8	1016.8
11	80	9.380	8,600	7.827	7.084	6.254	4.878	3.571	3.623	5.074	6.811	7.972	8.730	7.761
	TOTAL OBS	. 210	-2.62	310	300	310	300	310	310	300	3.10	300	310:	3652
						ļ <u>.</u>		<del> </del>	<del> </del> -	<u> </u>				
	MEAN	1020.4	1019.5	1014.3	1012.8	1012.1	1011.5	1012.5	1012.6	1014.1	1016.9	1018.9	1020.1	1015.4
14	S D	9.182	8.377	7.606	6.969	5.332	4.948	3.579	3.756	5.119	6,620	7,652	8.389	7.525
	TOTAL OBS	- 310	282	310	300	310	300	310	310	300	309	300	310_	3651
	· }	i				ļ				<del> </del>				1014
	WEAN '	1020.6	1019.2	1013.6	1012.0	1011.2	1010.5	1011.3	1011.4	1013.2	1016.7	1019.0	1020.4	1014.9
17	S D	8.953	8.340	7.630	6.953	6.350	4.914	3.651	3.853	5.316	6.543	7.631	8,308	7.730
	TOTAL OBS	- 310	282	310	299	310	3 <b>u</b> ç	310	305	300	310	300	309	3649
-	MEAN						<u> </u>			2010		1010 7	1021 0	1015.3
	5 D	1021.7	1019.8	1014.2	1012.4	1011.3	1010.3	1011.4	1011.0	1013.7	1017.4	101747	1021.0	7.867
20	TOTAL OBS	9.032	8.524	7.729	6.735	6.038	4.961	3.658	3.876	7.420	6.741	7.725	309	3650
• -	TOTAL OUS	310	282	310	3( ?	310	¥30€	<del> 31</del> 0	309		2.10	300	2021	
	MEAN			101/ 2	1 1 2 4	'	1010	1011 7	1011	11012 6	1017 1	1019 4	1021-0	1015.4
	S D	1021.1	1019.7	1014.4	101S 6	1011.	TO 10 • 8	1011	2 94	1013.0	101/01	7 705	1021.0	7.775
23	TOTAL OBS	8.941	P • 532	7.095	0.785	0.003	4.994	3.001	1 2074	2.332	310	200	8.288	3650

9.145 8.484 7.770 6.947 6.213 4.987 3.702 3.885 5.257 6.803 7.870 8.426

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HOURS